



**AARMEDICA**

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CUSTOM AND BULK PRODUCTS AND SERVICES

***Reagents and Materials  
for IVD Manufacturing***

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# Reagents and Materials for IVD Manufacturing

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## IVD RAW MATERIALS OVERVIEW

AARMEDICA offers a full range of raw materials and services that provide solutions to IVD manufacturers regardless of the platform or format employed.

Our offering is supported by quality systems and regulatory expertise that surround our customers with convenience and value. Our products are backed by rigorous quality control testing under the certified quality systems.

AARMEDICA a leader in the supplying of raw materials, antibodies and reagents for the IVD industry. AARMEDICA is your one source provider of IVD products and services.

KEY & ROUTINE IVD CHEMICALS WITH RATES	CLINICAL CHEMISTRY ENZYMES	HEMATOLOGY (Chemicals for Diluents, Reagents & QC)
BULK BIOCHEMISTRY REAGENTS	CALIBRATORS & CONTROLS	BUFFERS , CHEMILUMINESCENT REAGENT, CHROMOGEN OR TRINDER'S REAGENT
MONOCLONAL ANTIBODIES FOR IVD & LATEX MICROSPHERES	ANTISERUM & POLYCLONAL ANTIBODIES	Molecular Biology

# IVD DEVELOPMENT, MANUFACTURING, REGULATORY & COMMERCIALIZATION

From production and assembly, QC, technical support and regulatory, to the final commercialization of your product, AARMEDICA is your trusted partner for IVD development and manufacturing. At AARMEDICA, we can help manage all aspects of your development, manufacturing and commercialization needs and every step in between. Contact us today to explore the endless possibilities.



## CONTRACT MANUFACTURING

- Rapid diagnostic tests(RDT)
- ELISA
- Molecular diagnostic tests
- Life science reagents
- Formulation, filling, packaging and kitting



## RECOMBINANT PROTEIN DESIGN AND PRODUCTION

- Expression vector design
- Protein expression and purification
- Industrial-scale production



## CONTRACT DEVELOPMENT

- Design and development of Rapid Diagnostic Tests
- Proto type verification, process validation, scale-up



## PRODUCT COMMERCIALIZATION

- Worry-free product launching
- B2CandB2Bnetworks Global logistics solutions



## REGULATORY SUPPORT

- Consultation
- Technical dossier compilation
- IVD product registration

# OUR CAPABILITIES

We work with our business partners to develop and produce




IVD products from prototype development to finished product. We also provide regulatory advice and services for product registration to the various authorities through the compilation of technical dossier required for registration.

Need help with product commercialization? Through various collaborations, we can help our partners distribute products globally through our worldwide distribution network.



NAME OF RAW MATERIALS	MAKE	PACK SIZE	RATES
ZINC SULPHATE	AARMEDICA	500	390
MAGNESIUM ACETATE TETRAHYDRATE	AARMEDICA	500	1022
HEDTA	AARMEDICA	100	3700
2 AMINO 2 METHYL 1 PROPANOL	AARMEDICA	2.5 LITER	9200
PNPP DI TRIS ( CAS NO. 4264-83-9) Na salt	AARMEDICA	100 GM	12000
PNPP DI TRIS (68189-42-4 )salt	AARMEDICA	100 GM	24000
CHARCOAL	AARMEDICA	5 KG	3000
SUCCINIC ACID	AARMEDICA	25GM	2360
SODIUM SUCCINATE (Disodium succinate hexahydrate ) CAS NO. 6106-21-4	AARMEDICA	500 GM	3749
SODIUM BENZOATE	AARMEDICA	500 GM	3749
BRIJ 35 SOLUTION 30%	AARMEDICA	500GM	2000
BROMOCRESOL GREEN SODIUM SALT	AARMEDICA	25GM	2777
TRIS	AARMEDICA	1 KG	3000
HYDROCHLORIC ACID	AARMEDICA	500 ML	250
L-ALANINE	AARMEDICA	10GM	1388
EDTA-DiNa	AARMEDICA	500 GM	1500
MAGNESIUM CHLORIDE ( Magnesium chloride hexahydrate )	AARMEDICA	500 GM	350
D-LACTATE DESHYDROGENASE	OYC	1 KU	120
SODIUM HYDROGENOCARBONATE ( Sodium Bicarbonate )	AARMEDICA	500 GM	850
SODIUM CARBONATE	AARMEDICA	500 GM	850
ALPHA KETOGLUTARATE L di soidium salt di hydrate	AARMEDICA	25 GM	2777
SODIUM HYDROXIDE	AARMEDICA	500GM	1200
NADH L	AARMEDICA	1 GM	435
L-ASPARTIC ACID	AARMEDICA	1 KG	5500
MALATE DEHYDROGENASE	AMANO		135
NADH L	AARMEDICA	1 GM	435
SULFANILIC ACID	AARMEDICA	1 KG	1200
SODIUM NITRITE	AARMEDICA	500 GM	650
CETRIMIDE	AARMEDICA	1 KG	2400
M.E.S. FREE ACID HYDRATE (MES Monohydrate)	AARMEDICA	1 KG	12500
ARSENAZO III	NA	NA	NA
PIPES FREE ACID	AARMEDICA	1 KG	7000
DTPA	AARMEDICA	25 GM	1850
MAGNESIUM ASPARTATE	AARMEDICA	1 KG	3500
PHENOL	AARMEDICA	500GM	1265



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NAME OF RAW MATERIALS	MAKE	PACK SIZE	RATES
CHOLESTEROL-ESTERASE L	ROCHE	1 KU	396
CHOLESTEROL OXYDASE L	SEKISUI	1 KU	450
POTASSIUM DIHYDROGENOPHOSPHATE	AARMEDICA	500 GM	1200
SODIUM PROPIONATE	AARMEDICA	500 GM	850
SODIUM GLUTAMATE	AARMEDICA	500 GM	650
GLUCOSE OXIDASE	SEKISUI		5600
TRITON X-100	AARMEDICA	500 ML	3000
CHOLIC ACID. ( Na Salt)	AARMEDICA	50 GM	6137
MAGNESIUM ASPARTATE	AARMEDICA		
4-CHLOROPHENOL	AARMEDICA	500 GM	1250
ATP-DiNa, LP	OYC/SORACHIM		
FLAVINE ADENINE DINUCLEOTIDE	AARMEDICA	100 GM	5800
AMINO-4-ANTIPYRINE	AARMEDICA	25 GM	2360
POTASSIUM HEXACYANOFERRATE (II) r			
GLYCEROL PHOSPHATE OXIDASE	AMANO	1 KU	320
GLYCEROL KINASE L	AMANO	1 KU	350
LIPOPROTEIN LIPASE	AMANO	1 KU	220
ADP-K	OYC		
POLYETHYLENE GLYCOL 6000	AARMEDICA	250 GM	650
MERCAPTOSUCCINIC ACID			
BOVINE ALBUMIN L	MP BIO/ BOVOGEN/BIOFAC	1 KG	33000
UREASE L			
GLUTAMATE DEHYDROGENASE L			
POTASSIUM IODIDE	AARMEDICA	500 GM	21000
POTASSIUM-SODIUM TARTRATE	AARMEDICA	500 GM	2200
SULFATE COPPER ( Copper (II) sulfate pentahydrate)	AARMEDICA	500 GM	680
PICRIC ACID	AARMEDICA	500 GM	895
DISODIUM HYDROGENOPHOSPHATE	AARMEDICA	500 GM	3749
POTASSIUM DIHYDROGENOPHOSPHATE	AARMEDICA	500 GM	4090
DIPOTASSIUM HYDROGENOPHOSPHATE	AARMEDICA	500 GM	4090
Potassium Phosphate Monobasic	AARMEDICA	1 kg	1200
SODIUM TETRABORATE ( borax)	AARMEDICA	500g	1200
BORIC ACID	AARMEDICA	500g	650
TOOS	AARMEDICA	50g	15351
POTASSIUM HEXACYANOFERRATE (II) r	AARMEDICA	500 gm	1200
TWEEN-20	AARMEDICA	1 liter	3500
GLYCINE FREE BASE	AARMEDICA	500 GM	1650
LIPOPROTEIN LIPASE	AMANO	1 KU	220
URICASE L	OYC	1 KU	1850
PEROXIDASE	FAIZYME	1 MU	33000
M.E.S. FREE ACID HYDRATE	AARMEDICA	1 KG	10500
POTASSIUM THIOCYANATE	AARMEDICA		
SODIUM CHLORIDE	AARMEDICA	1 KG	
CALCIUM CHLORIDE	AARMEDICA	1KG	
CNPGaIG2	AARMEDICA	waiting	waiting
CHOLESTEROL ESTERASE CANDIDA	SEKISUI	1 KU	960
TODB	DOJINDO	1 GM	9600
FLUFENAMIC ACID	SIGMA	NA	NA
PROCLIN 300	SIGMA	NA	NA
ASCORBATE OXIDASE	Ashai Kasei		270

# Routine Chemicals / Biochemicals for IVD Manufacturers

S. No.	Chemical Name	CAS	Pack Size
1	Casein Hammerstein Grade	9000-71-9	500gm
2	Di-Sodium Hydrogen Phosphate anhydrous GR	7558-79-4	500GM
3	Sodium di-Hydrogen Phosphate dihydrate GR	13472-35-0	500gm
4	Boric Acid	10043-35-3	500gm
5	Di-Sodium Tetraborate	1303-96-4	500g
6	Potassium Chloride	7447-40-7	500gm
7	Potassium Di-hydrogen Phosphate	7778-77-0	1000g
8	MOPS(3-marpholinopropane sulfonic Acid)	1132-61-2	100gm
9	Sodium Chloride AR GRADE	7647-14-5	500gm
10	Tri-Sodium Citrate 2-Hydrate( Purified)	03-04-6132	500gm
11	D-(+)-Trehalose Dihydrate	6138-23-4	25gm
12	D-(+)-Trehalose Dihydrate	6138-23-4	25gm
13	Sucrose GR	57-50-1	500gm
14	Gold(III) Chloride Trihydrate	16961-25-4	1 gm
15	Potassium Carbonate	584-08-7	500gm
16	Hydrochloric Acid	7647-01-0	500ml
17	Brij-35	9002-92-0	500gm
18	Sodium Azide	26628-22-8	100gm
19	Tween -20	9005-64-5	500ml
20	Tween -20	9005-64-5	100ml
21	Potassium Iodide	7681-11-0	500gm
22	Potassium Dichromate	7789-50-9	500gm
23	EDTA, Disodium Salt	6381-92-6	100gm
24	Sulfuric Acid	7664-93-9	500ml
25	Kathon-CG	NA	50g
26	BSA	9048-46-8	10gm
27	Potassium di-hydrogen phosphate	7778-77-0	500g
28	Titron-X-100	9002-93-1	1 L
29	Sodium Hydroxide	1370-73-0	500gm
30	Phosphoric Acid	7664-38-2	500ml
31	ACETONE LR-2.5 L	L R Grade	2.5Lt
32	BENZOIC ACID	L R Grade	500gm
33	Disodium Tetraborate	L R Grade	500gm
34	BORAX	AR Grade	500gm
35	BORIC ACID	AR Grade	5Kg
36	Bromo Cresol Purple (BCP)	AR Grade	5gm
37	ETHYLENE GLYCOL	L R Grade	500ml
38	EDTA DISODIUM SALT AR	AR Grade	500gm
39	E.D.T.A. disodium salt dihydrate LR	L R Grade	500gm
40	GLYCEROL	L R Grade	500ml
41	HYDROCHLORIC ACID	AR Grade	2.5Lt
42	IMIDAZOLE LR (HEMATOLOGY)	L R Grade	100gm
43	MAGNESIUM CHLORIDE (AR)	L R Grade	500gm
44	Urea AR	AR Grade	500gm

S. No.	Chemical Name	CAS	Pack Size
45	Potassium Chloride	L R Grade	500gm
46	POTASSIUM DIHYDROGEN PHOSPHATE	L R Grade	500gm
47	Potassium dihydrogen phosphate LR	L R Grade	500gm
48	Propylene Glycol	AR Grade	500ml
49	PYRIDINE	AR Grade	500ml
50	DI.POT. HYD. ORTH. PHOS	L R Grade	500gm
51	SODIUM ACETATE	L R Grade	500gm
52	SODIUM BENZOATE	L R Grade	500gm
53	Sodium phosphate monobasic dihydrate LR	L R Grade	500gm
54	SODIUM HYDROXIDE	L R Grade	500gm
55	Sodium phosphate dibasic anhydrous LR	L R Grade	500gm
56	SODIUM SULPHATE ANHYDROUS	L R Grade	500gm
57	SODIUM CITRATE DIHYDRATE	L R Grade	500gm
58	SODIUM CHLORIDE	L R Grade	500gm
59	TRIS BUFFER	AR Grade	500gm
60	2-Mercaptopyridine-1-oxide Sodium salt Solution/Pyrithione Sodium salt	L R Grade	500 ml
61	2-Phenoxyethanol/Phenoxyethanol, Ethyleneglycol-monophenylether	L R Grade	2.5 Ltr
62	Acidum Boricum Crystallisatum	L R Grade	500gm
63	Alkalase 2.5 L, Type DX	AR Grade	2.5 Ltr
64	Dodecyl-Trimethyl-Ammonium-Chloride solution	AR Grade	5 kg
65	Erioglaucine (C.I. 42090)/Acid Blue 9, Alphazurine FG	AR Grade	5 gm
66	Ethylenediaminetetraacetic acid disodium salt-2-hydrate/EDTA-di-na-salt x2H2O	L R Grade	500 gm
67	GLYDANT/1,3-dihydroxymethyl-5,5-dimethylhydantoin	AR Grade	500ml
68	Hydrochloric acid min. 37%	L R Grade	2.5 Ltr
69	IMIDAZOLE/Glyoxalinem, 1,3-Diaza-2,4-cyclopentadiene	L R Grade	100gm
70	Calcium Chloride dihydrate	AR Grade	5 Kg
71	Savinase 16 L, Type EX	L R Grade	
72	Sodium azide	L R Grade	100gm
73	Sodium Chloride/Ph.Eur.	AR Grade	25 Kg
74	Sodium-citrate puris	L R Grade	500gm
75	Sodium hydroxide	L R Grade	1 Kg
76	Sodium hypochlorite solution conc. Cl more than 10 %	L R Grade	1 Ltr
77	Sodium sulphate anhydrous	AR Grade	10 kg
78	Sodium-Tetraborate-deka-hydrate (Borax)	AR Grade	500gm
79	Tris (hydroxymethyl) aminomethan/TRIS buffer	L R Grade	500gm
80	Triton X-405 Solution	L R Grade	1 Ltr
81	Triton X-705 Solution Etyl Hexadecyl Dimethyl ammonium bromide	L R Grade	500ml
82	SODIUM CHLORIDE AR	L R Grade	25 KG
83	IMIDAZOLE LR	L R Grade	25 KG
84	Dodecyl-trimethyl-ammonium-chloride	L R Grade	20 KG
85	TRITON X-405	AR Grade	16 Ltr.
86	2MERCAPTOPYRIDINE	AR Grade	500 ml
87	SODIUM AZIDE	AR Grade	5 KG
88	Etyl Hexadecyl Dimethyl ammonium bromide	L R Grade	20KG
89	Sodium Hydroxide	AR Grade	20 kg
90	EDTA- Dipotassium salt	L R Grade	5Kg
91	TRITON X-705	L R Grade	500 ml
92	GIYDANT ( DMDMH)	L R Grade	20 Ltr.
94	HYDROCHLORIC ACID	L R Grade	5-Ltr.
95	SODIUM SULPHATE ANHYDROUS	L R Grade	20 KG
96	TRIS BUFFER	L R Grade	20 KG
97	2-PHENOXYETHANOL	AR Grade	5-Ltr.



S. No.	Chemical Name	CAS	Pack Size
98	Dodecyl trimethyl ammonium bromide	AR Grade	20 KG
99	Potassium Chloride	AR Grade	20 kg
100	Proxil 100	L R Grade	5 Liter
101	Sodim Hypochlorite Solution Conc. Cl>12%	AR Grade	5 Ltr.
102	CALCIUM CHLORIDE DIHYDRATE	L R Grade	20 Kg
103	SODIUM CITRATE DIHYDRATE	L R Grade	20 Kg
104	BORAX	L R Grade	20 Kg
105	BORIC ACID	L R Grade	5 KG
106	ERIOGLAUCINE	AR Grade	25 gm
107	ALKALASE	L R Grade	5 Ltr.
108	SAVINASE	L R Grade	5 Ltr.
109	EDTA- Di-Sodium salt	L R Grade	5 KG
110	TRITON® X-100	AR Grade	1 Ltr.
111	Sodium Deoxycholate	AR Grade	1 Kg
112	Tri Sodium Citrate	AR Grade	
113	β-Propiolactone	L R Grade	
114	ENZYME - GLUCOSE OXIDASE	Kilounits	100MU
115	ENZYME - L-ALFA-GLYCEROL PHOSPHATE OXIDASE MICRO ORGANISM RECOMBINANT	Kilounits	100KUL
116	LIPOPROTEIN LIPASE (CHEMICALLY MODIFIED)	Kilounits	1MU
117	ENZYME - PEROXIDASE	Kilounits	1MU
118	ENZYME - GLDH-GLUTAMATE DEHYDROGENASE	Kilounits	25KUL
119	CNPG2	Gram	5gms
120	r-D LDH	Kilounits	100KUL
121	CFAS 3ml Vial	Vials	3ml
122	CHOLESTROL OXIDASE ORIGIN MICROORGANISM	Kilounits	100KUL
123	GLYCFROKINASE - BACILLUS STEAROTHERMOPHILUS	Kilounits	100KUL
124	Lipase Reagent R1	Millilitre	1ltr
125	beta - NADH	Gram	100gms
126	G-6-PDH	Kilounits	100KUL
127	CHOLESTROL ESTERASE ORIGIN PSEUDOMONAS	Kilounits	100KUL
128	UREASE	Kilounits	1MU
129	URICASE PRODUCT (WHITE FREE FLOWING POWDER)	Kilounits	25KUL
130	Lipase Reagent R2	Millilitre	1ltr
131	CP-Na	Gram	100KUL
132	L - ALANINE NA SALT	Gram	1kg
133	PIPES BUFFER	Gram	1kg
134	pNPP DI-TRIS SALT	Gram	100gms
135	ENZYME - ALFA-KETO GLUTARATE	Gram	100gms
136	Anti CK MM antibody	Millilitre	100ml
137	TOOS	Gram	100gms
138	L-ASPARTATE NA SALT	Gram	1kg
139	Thesit	Gram	500gms
140	BOVINE ALBUMIN-PROTEASE FREE	Gram	500gms
141	MOPS - Free Acid	Gram	1kg
142	rMDH	Kilounits	100KUL
143	ARSENAZO III	Gram	25gms
144	rHK	Kilounits	100KUL
145	pNPP DI-TRIS SALT	kg	100gms
145	2-AMINO-2METHYL-1-PROPANOL	ltr	1ltr
147	MOPS - SODIUM SALT	kg	1kg
148	TRITON X-100	ltr	500ml
149	SODIUM AZIDE - AR grade	kg	500gms

S. No.	Chemical Name	CAS	Pack Size
150	TRISS BUFFER - AR grade	kg	1kg
151	POTASSIUM DIHYDROGEN ORTHOPHOSPHATE - AR grade	kg	5kg
152	DI-POTASSIUM HYDROGEN O-PHOSPHATE ANHYDROUS - AR grade	kg	5kg
153	O - CRESOLPHTHALEIN COMPLEXONE	Gram	25gms
154	4-AMINOANTIPYRINE	Gram	500gms
155	3-5-DICHLORO-2-HYDROXY-BENZENESULFONIC ACID	Gram	25gms
156	HEDTA - N-(2-HDROXYETHYL) ETHYLENE DIAMINE - N - N' - N' TRIACITIC ACID	Gram	100gms
157	2 4 6-TRIBROMO-3-HYDROXYBENZOIC ACID	Gram	25gms
158	DIETHYLENE TRIAMINE PENTA ACETIC ACID	Gram	500gms
159	TRITON X-405	ml	500ml
160	2-Amino-2-Methyl 1-Propanol		500 ml
161	8-Hydroxyquinoline GR		100 gm
162	8-Hydroxyquinoline Sulphate		100 gm
163	Bovine Serum Albumin (BSA)	Customize specs & packs	500 gm
164	Carbinol/Methanol	Customize specs & packs	5.0 Liters
165	Cholesterol	Customize specs & packs	100 gm
166	EGTA	Customize specs & packs	100 gm
167	Ferric Nitrate	Customize specs & packs	100 gm
168	Glutathione Reduced	Customize specs & packs	10 gm
169	Mercury Thiocyanate	Customize specs & packs	100 gm
170	MES Buffer	Customize specs & packs	500 gm
171	O-Cresolphthalene Complexone AR	Customize specs & packs	10 gm
172	Para-Chloro Phenol Pure	Customize specs & packs	500 ml
173	Proclin 300	Customize specs & packs	100 ml
174	Pyrogallol Red AR	Customize specs & packs	
175	Sodium Pyruvate	Customize specs & packs	100 gm
176	Sodium Tetra Phenyl Borate	Customize specs & packs	100 gm
177	Tris HCl	Customize specs & packs	500 gm
178	Tri Sodium Citrate	Customize specs & packs	500 gm
179	Uric Acid AR	Customize specs & packs	100 gm
180	Xylidyl Blue	Customize specs & packs	1 gm
181	Triton X-100	Customize specs & packs	500 ml
182	Ammonium Molybdate	Customize specs & packs	100 gm
183	Benzoic Acid SQ	Customize specs & packs	500 gm
184	Bromo Cresol Green (BCG)	Customize specs & packs	5 gm
185	Calcium Chloride Fused	Customize specs & packs	500 gm
186	Dimethyl Sulphoxide HPLC (DMSO)	Customize specs & packs	500 ml
187	Di-Sodium Hydrogen Phosphate	Customize specs & packs	500 gm
188	EDTA Di-Sodium Dihydrate Salt	Customize specs & packs	500 gm
189	Formaldehyde 37%	Customize specs & packs	500 ml
190	Lithium Carbonate	Customize specs & packs	100 gm
191	Mannitol	Customize specs & packs	500 gm
192	Phenol GR	Customize specs & packs	500 ml
193	Phosphotungstic Acid	Customize specs & packs	10 gm
194	Potassium Dihydrogen Phosphate	Customize specs & packs	500 gm
195	Potassium Ferrocyanide SQ	Customize specs & packs	100 gm
196	Potassium Iodide Pure	Customize specs & packs	500 gm
197	Potassium Thiocyanate	Customize specs & packs	500 gm
198	Sodium Hypochlorite 4%	Customize specs & packs	500 ml
199	Sodium Meta Bisulphite Excelar	L R Grade	500 gm
200	Sodium Salicylate GR	L R Grade	500 gm
201	4-Amino Antipyrine	L R Grade	100 gm

S. No.	Chemical Name	CAS	Pack Size
202	4-Chloro-3-methyl Phenol	AR Grade	500 gm
203	Boric Acid SQ	AR Grade	500 gm
204	Brij-35	AR Grade	500 gm
205	Calcium Carbonate Precipitated	L R Grade	100 gm
206	Calcium Chloride Dihydrate	AR Grade	500 gm
207	Cetrimide	L R Grade	100 gm
208	Charcoal Powder Act-250	L R Grade	500 gm
209	Citric Acid Monohydrate	L R Grade	100 gm
210	Copper Sulphate Penta Hydrate	L R Grade	500 gm
211	Creatinine Extra Pure	AR Grade	100 gm
212	Dextrose Anhydrous	AR Grade	500 gm
213	Diethanolamine	L R Grade	5.0 Liters
214	Di-Potassium Hydrogen Phosphate	L R Grade	500 gm
215	Di-Sodium Oxalate	L R Grade	100 gm
216	EDTA Extra Pure	AR Grade	500 gm
217	Ethylene Glycol GR	AR Grade	500 ml
218	Extran	AR Grade	5.0 Liters
219	Glycerol Anhydrous (Glycerin)	L R Grade	5.0 Liters
220	Hydrochloric 35%	AR Grade	5.0 Liters
221	Immidazole GR	L R Grade	100 gm
222	Magnesium Chloride Hexahydrate	L R Grade	500 gm
223	Magnesium Sulphate Heptahydrate	L R Grade	500 gm
224	Mercury Chloride GR	L R Grade	100 gm
225	Nitric Acid, 70% Pure	AR Grade	500 ml
226	Oxalic Acid Dihydrate GR	AR Grade	100 gm
227	Picric Acid Extra Pure	L R Grade	500 gm
228	Polyethylene Glycol 6000	L R Grade	500 gm
229	Potassium Chloride	L R Grade	100 gm
230	Potassium Carbonate	AR Grade	100 gm
231	Potassium Sodium Tartarate Tetra	AR Grade	500 gm
232	Potassium Thiocyanate	AR Grade	500 gm
233	Sodium Azide	L R Grade	500 gm
234	Sodium Benzoate Purified	AR Grade	100 gm
235	Sodium Carbonate Anhydrous GR	L R Grade	100 gm
236	Sodium Chloride GR	L R Grade	500 gm
237	Sodium Dihydrogen Mono Phosphate	L R Grade	500 gm
238	Sodium Hydrogen Carbonate GR	L R Grade	500 gm
239	Sodium Hydroxide Pellets GR	L R Grade	5.0 Kg
240	Sodium Molybdate	AR Grade	100 gm
241	Sodium Nitrite GR	AR Grade	100 gm
242	Sodium Nitroprusside GR	AR Grade	50 gm
243	Sodium Sulphite Anhydrous	L R Grade	500 gm
244	Succinic Acid GR	AR Grade	500 gm
245	Sucrose GR	L R Grade	500 gm
246	Sulphanilic Acid GR	L R Grade	500 gm
247	Sulphuric Acid 98% GR	L R Grade	5.0 Liters
248	Titriplex III	L R Grade	100 gm
249	Tris Buffer GR	AR Grade	500 gm
250	Urea GR	AR Grade	100 gm
251	2-Mercaptopyridine-1-oxide Sodium salt Solution/Pyriothione Sodium salt	L R Grade	500 ml
252	2-Phenoxyethanol/Phenoxyethanol, Ethyleneglycol-monophenylether	L R Grade	2.5 Ltr
253	Acidum Boricum Crystallisatum	L R Grade	500gm

S. No.	Chemical Name	CAS	Pack Size
254	Alkalase 2.5 L, Type DX	AR Grade	2.5 Ltr
255	Dodecyl-Trimethyl-Ammonium-Chloride solution	AR Grade	5 kg
256	Erioglaucine (C.I. 42090)/Acid Blue 9, Alphazurine FG	AR Grade	5 gm
257	Ethylenediaminetetraacetic acid disodium salt-2-hydrate/EDTA-di-na-salt x2H2O	L R Grade	500 gm
258	GLYDANT/1,3-dihydroxymethyl-5,5-dimethylhydantoin/ DMDMH	AR Grade	500ml
259	Hydrochloric acid min. 37%	L R Grade	2.5 Ltr
260	IMIDAZOLE/Glyoxalinem, 1,3-Diaza-2,4-cyclopentadiene	L R Grade	100gm
261	Calcium Chloride dihydrate	AR Grade	5 Kg
262	Savinase 16 L, Type EX	L R Grade	2.5Lt
263	Sodium azide	L R Grade	100gm
264	Sodium Chloride/Ph.Eur.	AR Grade	25 Kg
265	Sodium-citrate puris	L R Grade	500gm
266	Sodium hydroxide	L R Grade	1 Kg
267	Sodium hypochlorite solution conc. Cl more than 10 %	L R Grade	1 Ltr
268	Sodium sulphate anhydrous	AR Grade	10 kg
269	Sodium-Tetraborate-deka-hydrate (Borax)	AR Grade	500gm
270	Tris (hydroxymethyl) aminomethan/TRIS buffer	L R Grade	500gm
271	Triton X-405 Solution	L R Grade	1 Ltr
272	Triton X-705 Solution	L R Grade	500ml
273	PIPES Monosodium	AR Grade	Inquire
274	PIPES Disodium	AR Grade	Inquire
275	PIPES Free Acid	L R Grade	Inquire
276	POTASSIUM PHOSPHATE DI BASIC	AR Grade	Inquire
277	Potassium phosphate monobasic	L R Grade	Inquire
278	TAPS (N-Tris(hydroxymethyl)methyl-3-aminopropanesulfonic acid C <sub>7</sub> H <sub>17</sub> NO <sub>6</sub> S)	L R Grade	Inquire
279	ACES (N-(2-Acetamido)-2-aminoethanesulfonic acid C <sub>8</sub> H <sub>10</sub> N <sub>2</sub> O <sub>4</sub> S)	AR Grade	Inquire
280	ADA ((N-(2-Acetamido)iminodiacetic acid) C <sub>6</sub> H <sub>10</sub> N <sub>2</sub> O <sub>5</sub> )	L R Grade	Inquire
281	AMT(2-amino-2-methyl-1-propanol C <sub>4</sub> H <sub>11</sub> NO)	L R Grade	Inquire
282	BES	AR Grade	Inquire
283	BICINE	L R Grade	Inquire
284	CAPS	L R Grade	Inquire
285	CAPSO	L R Grade	Inquire
286	CAPSO SODIUM SALT	AR Grade	Inquire
287	HEPES	AR Grade	Inquire
288	HEPES SODIUM SALT	L R Grade	Inquire
289	MES	AR Grade	Inquire
290	MES HEMISODIUM SALT	AR Grade	Inquire
291	PEG 6000	L R Grade	Inquire
292	PEG 8000	AR Grade	Inquire
293	Hydroxylammonium Chloride	AR Grade	Inquire
294	2-Pyridinol 1-oxide	AR Grade	Inquire
295	2,4-Dichlorobenzenediazonium 1,5-naphthalenedisulfonate hydrate	L R Grade	Inquire
296	8-Hydroxy-5-quinolinesulfonic acid hydrate	AR Grade	Inquire
297	Bilirubin	L R Grade	Inquire
298	L-Methionine	L R Grade	Inquire
299	N-Methyl-D-glucamine	AR Grade	Inquire
300	1,3-Dimethylurea	L R Grade	Inquire
301	Bis-TRIS ( 2,2-Bis(hydroxymethyl)-2,2,2-trimethyl-1,3-propanediol nitrilotriethanol)	L R Grade	Inquire
302	Methylene Blue	AR Grade	Inquire
303	Cetrimide - Myristyltrimethylammonium bromide	L R Grade	Inquire
304	Citric acid monohydrate	L R Grade	Inquire
305	2,2'-Dithiobis(pyridine-N-oxide)	L R Grade	Inquire

S. No.	Chemical Name	CAS	Pack Size
306	SODIUM-HYPOCHLORITE	L R Grade	Inquire
307	Trimethyloctylammonium Chloride	AR Grade	Inquire
308	CITRIC ACID MONOHYDRATE	L R Grade	Inquire
309	Dodecyl Trimethyl Ammonium Bromide	L R Grade	Inquire
310	FORMIC ACID	AR Grade	Inquire
311	FORMIC ACID	L R Grade	Inquire
312	Polyoxyl 40 Hydrogenated Castor Oil	L R Grade	Inquire
313	SODIUM PHOSPHATE MONOBASIC DEHYDRATE	AR Grade	Inquire
314	SODIUM SULFATE ANHYDROUS	L R Grade	Inquire



# CLINICAL CHEMISTRY ENZYMES

## AsahiKASEI Diagnostics JAPAN

Product No.	Enzyme	Abbreviation	Origin	Activity(more than)
T-17	Acyl-CoA Oxidase	ACOD	Arthrobacter sp.	20
T-16	Acyl-CoA Synthetase	ACS	Pseudomonas Fragi	2
T-92	ADP-dependent Hexokinase	ADP-HKP II	Pyrococcus Furiosus	30
T-93	ADP-dependent Hexokinase	ADP-HKT II	Thermococcus litoralis	25
T-38	Alcohol Oxidase	ALOD	Candida sp.	7
T-08	Alkaline Phosphatase	ALP	Escherichia coli.	40
T-53	Ascorbate Oxidase	ASOM	Acremonium sp	200
T-248	Ascorbate Oxidase	ASOK	Microorganism	200
T-95	1,5-Anhydroglucitol-6-phosphate Dehydrogenase	AG6PDH II	Escherichia coli.	20
T-188	Bilirubin Oxidase	BOD II	Bacillus subtilis	5
T-18	Cholesterol Esterase	CEN	Pseudomonas sp	100
T-250	Cholesterol Esterase	CEN II	Microorganism	
T-98	Cholesterol Esterase	CEBP-M	Microorganism	10
T-243	Cholesterol Esterase	CEBP II	Microorganism	10
T-84	Cholesterol Oxidase	CON II	Rhodococcus sp.	500 U/ml
T-101	Cholesterol Oxidase	CON II-FD	Rhodococcus sp.	15
T-05	Choline Oxidase	COD	Arthrobacter globiformis	8
T-226	Choline Oxidase	COD III	Microorganism	2
T-99	Colipase	CoLP	Porcine Pancrease	300
T-227	Diaphorase (NADH)	DI II	Bacillus Megaterium	70
T-10	Diaphorase (NADPH)	DIP	Bacillus Megaterium	5
T-191	Fructosylamine oxidase	FOD III	Microorganism	10
T-51	Glucose-6-phosphate Dehydrogenase	G6PDH II	Bacillus sp.	100
T-207	Glycerol-3-phosphate Dehydrogenase	G3PDH II	Saccharomyces cerevisiae	37
T-228	Glucose Dehydrogenase (FAD-dependent)	FAD-GDH II	Microorganism	400
T-251	Glucose Dehydrogenase (FAD-dependent)	FAD-GDHK	Microorganism	250
T-136	Glutamine Synthetase	GS II	Bacillus sp	15
T-64	Glycerol Kinase	GKZ	Flavobacterium meningosepticum	70
T-223	Glycerol Kinase	GK III	Microorganism	50
T-205	Glutamate Dehydrogenase (NADP-dependent)	GLDH II	Microorganism	
T-107	L-α-Glycerophosphate Oxidase	GPOM	Streptococcus sp	15
T-60	L-α-Glycerophosphate Oxidase	GPOSP	Streptococcus sp	40
T-50	Hexokinase	HK II	Bacillus sp	250
T-141	Hexokinase	HK III	Rhodothermus obamensis	100
T-249	Hippuricase	HIP II	Microorganism	
T-58	3α-Hydroxysteroid Dehydrogenase	3α-HSD II	Pseudomonas sp	30
T-190	12α-Hydroxysteroid Dehydrogenase	12α-HSD II	Microorganism	
T-68	3-Hydroxybutyrate Dehydrogenase	3-HBDH II	Alcaligenes Faecalis	1500 U/mg.
T-252	3-Hydroxybutyrate Dehydrogenase	3-HBDH III	Microorganism	
T-47	Lactate Oxidase	LOX II	Aerococcus viridans	20
T-01	Lipase	LP	Chromobacterium viscosum	2500 U/mg
T-63	Lipase	LPBP	Microorganism.	800
T-116	Lipase	LPM	Chromobacterium viscosum Bacillus sp	1500 U/mg.

Product No.	Enzyme	Abbreviation	Origin	Activity(more than)
T-117	Mohoglyceride Lipase	MGLP II	Bacillus sp	20
T-67	NAD Synthetase	NADS II	Geobacillus stearothermophilus	1
T-209	Oxaloacetate Decarboxylase	OAC II	Pseudomonas sp	2300 U/mg
T-142	Phosphofructokinase	PFKW II	Geobacillus stearothermophilus	150
T-120	Phosphoglucose Isomerase	PG III	Geobacillus stearothermophilus	250
	Phospholipase A1	PLA1 DP	Microorganism	
T-194	Phospholipase A2	PLA 2 II L	Streptomyces violaceoruber	200 U/ml
T-11	Phospholipase C	PLC	Bacillus cereus	30
T-222	Phospholipase D	PLD II	Streptomyces chromofuscus	30
T-39	Phospholipase D	PLDP	Streptomyces sp	100
T-69	Purine nucleoside Phosphorylase	PNPL II	Bacillus sp	500 U/ml
T-45	Pyruvate Oxidase	POPG	Aerococcus viridans	25
T-46	Sarcosine Oxidase	SOXG	Bacillus sp	30
T-30	Sphingomyelinase	SPC	Streptomyces sp	400
T-134	Xanthine Dehydrogenase	XDH II	Microorganism	100 U/ml

## AMANO ENZYMES JAPAN

Product Name	Applications
Glucose Oxidase"Amano"2	Blood sugar
Glucose Oxidase"Amano"AM	
Glucose Oxidase"Amano"NA	
Glucose Oxidase"Amano"M	
Glucose Dehydrogenase "Amano" 2A	
Glucose Dehydrogenase"Amano"8DC	
Cholesterol Esterase"Amano"	Cholesterol
Cholesterol Oxidase"Amano"6E	
Cholesterol Oxidase"Amano"7	
Cholesterol Dehydrogenase"Amano"6	
Lipoprotein Lipase"Amano"3	Triglycerides
Glycerol Kinase"Amano"2	
L- $\alpha$ -Glycerophosphate Oxidase"Amano"3	
Lactate Dehydrogenase"Amano"3	Transaminase
Malate Dehydrogenase"Amano"3	
Uricase"Amano"3	Uric acid
3-Hydroxybutyrate Dehydrogenase"Amano"5	Ketone body
Bilirubin Oxidase"Amano"3	Bilirubin
Glutaminase"Amano"1	Glutamine
Ascorbate Oxidase"Amano"3	Ascorbic Acid Elimination
Peroxidase"Amano"3	Colorimetric Assay



# SEKISUI DIAGNOSTIC , UK

ITEM NO.	DESCRIPTION	BRAND	ORIGIN	PACK SIZE
T-95	1-5 Anhydroglucitol -6-	SEKISUI	E coli	KU
T-68	3-Hydroxybutyrate Dehydrogenase	SEKISUI	Alcaligene faecalis	KU
T-17	Acyl Co A Oxidase	SEKISUI	Arthobacter sp.	KU
T-16	Acyl Co A Synthetase	SEKISUI	Pseudomonas Fragi	KU
T-93	ADP-Dependent Hexokinase	SEKISUI	Thermococcus litoralis	KU
T-92	ADP-HEXOKINASE II	SEKISUI	Pyrococcus Furiosus	KU
T-38	Alcohol Oxidase	SEKISUI	Candida sp	KU
T-08	Alkaline Phosphatase	SEKISUI	E coli	KU
ALKP-70-6471-15	Smartbond Alkaline Phosphatase §2	SEKISUI	Microbial R	1-15 vials
		SEKISUI		16 to 25 vials
		SEKISUI		> 25 vials
ALKP-70-6471	Smartbond Alkaline Phosphatase §2	SEKISUI	Microbial R	1 to 9 bottles (0.5 to 4.5g)
		SEKISUI		10 to 29 bottles(5 to 14.5g)
		SEKISUI		≥30 bottles (≥ 15g)
T-53	Ascorbate Oxidase	SEKISUI	Acremonium sp.	KU
BELA-70-1401	Beta Lactamase Vials	SEKISUI	Bacillus Cereus	vials
BELA-70-1431	Beta Lactamase Bulk Powder	SEKISUI	Bacillus Cereus	KU
BELA-70-1461	Beta Lactamase ES Vials	SEKISUI	Bacillus Cereus	vials
BELA-70-1491	Beta Lactamase ES Bulk	SEKISUI	Bacillus Cereus	KU
BIOX-70-1021	Bilirubin Oxidase FD	SEKISUI	ex Myrothecium sp.	KU
T-188	Bilirubin Oxidase(BODII)	SEKISUI	Bacillus Subtillis	KU
BLNM-70-3685	Blocked p-Nitrophenyl	SEKISUI	Maltoheptaoside (BPS)	GM
CATA-70-6004	Catalase	SEKISUI	Aspergillus sp	KG
CHDE-70-1241	Cholesterol Dehydrogenase	SEKISUI	Nocardia sp	KU
70-6551-03	Cholesterol Esterase	SEKISUI	Candida Rugosa	≥ 61,000 KU pa
70-6551-03	Cholesterol Esterase	SEKISUI	Candida Rugosa	< 61,000 KU pa
T-18	Cholesterol Esterase	SEKISUI	Pseudomonas sp	KU
T-98	Cholesterol Esterase	SEKISUI	Microorganisms	KU
CHES-70-1041	Cholesterol Esterase FD	SEKISUI	Pseudomonas sp	KU
T-101	Cholesterol Oxidase	SEKISUI	Microorganisms	KU
T-84	Cholesterol Oxidase	SEKISUI	Microorganisms	KU
70-6201-01	Cholesterol Esterase Type 1	SEKISUI	Candida Rugosa	≥ 22,000 KU pa
70-6201-01	Cholesterol Esterase Type 1	SEKISUI	Candida Rugosa	< 22,000 KU pa
CHOX-70-1101	Cholesterol Oxidase	SEKISUI	Nocardia sp	KU
RECO-70-1229	Cholesterol Oxidase	SEKISUI	Microbial	KU
RECO-70-1221	Cholesterol Oxidase(rec)	SEKISUI	FD ex S.lividans	≥1,700 KU pa
		SEKISUI		<1,700 KU pa
T-05	Choline Oxidase	SEKISUI	Arthobacter Globiformis	KU
CHNM-70-3821	CNPG3	SEKISUI	na	GMS
70-6254-01	Colipase	SEKISUI	Porcine Pancreas	≥201,000 KU pa
		SEKISUI		< 201,000 KU pa
70-6304-01	Diacetinase liquid	SEKISUI	B.subtilis	≥ 21,000 KU pa
		SEKISUI		< 21,000 KU pa
T-06	Diaphorase (NADH)	SEKISUI	Bacillus Megaterium	KU
T-10	Diaphorase (NADPH)	SEKISUI	Bacillus Megaterium	KU
70-6174-01	Dnase B	SEKISUI	Ecoli (R)	MG
GLUC-70-6881	Glucoamylase FD(Azide free)	SEKISUI	Rhizopus sp	KU
GLDE-70-1192	Glucose Dehydrogenase( FAD-GDH )	SEKISUI	EX Aspergillus sp	> 1,000,000 KU pa
		SEKISUI		≤ 1,000,000 KU pa
GLDE-70-1191	Glucose Dehydrogenase( NAD dependent)	SEKISUI	bacillus sp	KU
70-6644-01	Glucose Oxidase	SEKISUI	Aspergillus Niger	MU





ITEM NO.	DESCRIPTION	BRAND	ORIGIN	PACK SIZE
GLOX-70-6457	Glucose Oxidase HPS150	SEKISUI	Aspergillus Niger	MU
GLOX-70-6456	Glucose Oxidase HPS300	SEKISUI	Aspergillus Niger	MU
GLOX-70-6599	Glucose Oxidase L150	SEKISUI	Aspergillus Niger	MU
T-51	Glucose 6-Phosphate Dehydrogenase	SEKISUI	Bacillus sp	KU
GLPD-70-1201	Glucose-6-phosphate Dehydrogenase FD	SEKISUI	Leuconostoc Mesenteroids	KU
T-136	Glutamine Synthetase	SEKISUI	Bacillus sp	KU
70-6741-01	Glycerol Kinase	SEKISUI	Ecoli	≥ 22,000 KU pa
		SEKISUI		<22,000 KU pa
T-64	Glycerol Kinase	SEKISUI	Flavobacterium Meningose	KU
GLKI-70-6495	Glycerol Kinase FD	SEKISUI	Cellomonas sp	KU
70-4875-01	Glycerol Phos Oxidase SP	SEKISUI	Streptococcus sp	KU
T-15	Glycerol Phosphate	SEKISUI	EX.Aerococcus sp	KU
T-107	Glycerophosphate-recombinant	SEKISUI	Streptococcus sp	KU
T-33	Glycerophosphorylcholine	SEKISUI	Glodadium Roseum	KU
HEXO-70-1351	Hexokinase	SEKISUI	Yeast	KU
T-141	Hexokinase	SEKISUI	Rhodthermus Obamensis	KU
T-50	Hexokinase	SEKISUI	Bacillus sp	KU
T-58	Hydroxysteriod Dehydrogenase	SEKISUI	Pseudomonas sp	KU
KODND-119	KOD exo(-) DNA Polymerase §4	SEKISUI	rec Ecoli	5KU
TBC	KOD exo(-) Buffer §4	SEKISUI		10x 20mL
KAB2-101B	Anti-KOD HS Antibody 8.2mg §4	SEKISUI	Mouse hybridoma	8.2mg
LADE-70-1411	Lactate Dehydrogenase FD	SEKISUI	Microbial	KU
RELO-70-1381	Lactate Oxidase II (recombinant)	SEKISUI	ex A. Viridans	KU
T-116	Lipase	SEKISUI	Chromobacterium Viscosum	KU
T-63	Lipase	SEKISUI	Microorganisms	KU
LIPA-70-1461	Lipase FD	SEKISUI	Chromobacterium Viscosum	MU
T-32	Lysophospholipase	SEKISUI	Vibrio sp	KU
MADE-70-1521	Malate Dehydrogenase FD	SEKISUI	Microbial	KU
MALT-70-1235	Maltase FD	SEKISUI	Yeast	KU
T-117	Monoglyceride Lipase	SEKISUI	Bacillus sp	KU
T-67	NAD Synthetase	SEKISUI	Bacillus Stearothermophi	KU
T-209	OAC II (Oxaloacetate)	SEKISUI	Pseudomonas sp	KU
PENI-70-1541	Penicillinase(bulk)	SEKISUI	Bacillus Cereus	KU
PENI-70-1545	Penicillinase(vials)	SEKISUI	Bacillus Cereus	vials
PERO-70-6915	Peroxidase RZ 2.0 FD	SEKISUI	Horseradish	KU
PERO-70-6925	Peroxidase RZ 3.0 FD	SEKISUI	Horseradish	KU
T-11	Phospholipase C	SEKISUI	Bacillus Cereus	KU
T-120	Phosphoglucose Isomerase	SEKISUI	Bacillus Stearothermophi	KU
T-194	Phospholipase A2	SEKISUI	Streptomyces Violaceoruber(L)	KU
T-07	Phospholipase D	SEKISUI	Streptomyces Chromofussc	KU
T-138	Phospholipase D	SEKISUI	Streptomyces sp	KU
T-39	Phospholipase D	SEKISUI	Streptomyces sp	KU
T-69	Purine Nucleoside	SEKISUI	Bacillus sp	KU
T-45	Pyruvate Oxidase	SEKISUI	Aerococcus Viridans	KU
TBC	Realtime PCR Mix TaqMan §4	SEKISUI	rec Ecoli	100mL
TBC	Realtime PCR Mix SYBR Green §4	SEKISUI	rec Ecoli	100mL
TBC	ReverTra Ace Reverse Transcriptase §4	SEKISUI	rec Ecoli	500KU
TRT-1B	Reverse Transcriptase Buffer §4	SEKISUI		5x 1mL
SIN-229	RNase Inhibitor §4	SEKISUI	rec Ecoli	100 KU
SIN-259	RNase Inhibitor §4	SEKISUI	rec Ecoli	1000 KU
TBC	RNA-direct Realtime PCR Mix TaqMan §4	SEKISUI	rec Ecoli	100mL

ITEM NO.	DESCRIPTION	BRAND	ORIGIN	PACK SIZE
TBC	RNA-direct-Realtime PCR Mix SYBR Green §4	SEKISUI	rec Ecoli	100mL
70-6844-01	Rslo/Streptolysin O	SEKISUI	rec Ecoli	MG
T-46	Sarcosine Oxidase	SEKISUI	Bacillus sp	KU
STRE-70-4801	Streptavidin	SEKISUI	Streptomyces Avidinii	GMS
STRE-70-4803-01	Smartbond Streptavidin	SEKISUI	Streptomyces Avidinii	1mg
STRE-70-4803-05	Smartbond Streptavidin	SEKISUI	Streptomyces Avidinii	5mg
STRE-70-4803-20	Smartbond Streptavidin	SEKISUI	Streptomyces Avidinii	20mg
STRE-70-4803-100	Smartbond Streptavidin	SEKISUI	Streptomyces Avidinii	100mg
STRE-70-4803	Smartbond Streptavidin §3	SEKISUI	Streptomyces Avidinii	1-5 GMS
		SEKISUI		5-50 GMS
		SEKISUI		50-250 GMS
		SEKISUI		250 GMS
T-30	Sphingomyelinase	SEKISUI	Streptomyces sp	KU
TAP-229E	Taq DNA Polymerase §4	SEKISUI	rec Ecoli	10KU
TAP-259E	Taq DNA Polymerase §4	SEKISUI	rec Ecoli	100KU
TAP-2M	Taq Buffer (+Mg) §4	SEKISUI		10 x 1mL
TBC	Taq DNA Polymerase Hotstart §4	SEKISUI	rec Ecoli	10KU
TBC	Taq DNA Polymerase Hotstart §4	SEKISUI	rec Ecoli	100KU
TCP-139	Anti-Taq / Tth HS Antibody §4	SEKISUI	Mouse hybridoma	30mg
TCP-189CH1	Anti-Taq / Tth HS Antibody §4	SEKISUI	Mouse hybridoma	100mg
TTH-329L	Tth DNA Polymerase §4	SEKISUI	rec Ecoli	10KU
TTH-3R	Tth Buffer §4	SEKISUI		10 x 1mL
T-25	Tyramine Oxidase	SEKISUI	Arthobacter sp	KU
70-6734-01	Urease	SEKISUI	Jack Bean	KU
URIC 70-1721	Uricase	SEKISUI	Arthobacter Globiforms	KU
URIC-70-1701	Uricase	SEKISUI	Bacillus Fastidious	KU
URIC-70-1731	Uricase Recombinant	SEKISUI	E coli	KU
VALI 997860	Valinomycin	SEKISUI	Streptomyces sp	±1,000 GMS pa
		SEKISUI		±1,000 GMS pa
T-134	Xanthine Dehydrogenase	SEKISUI	Microorganisms	KU



# Chemical for Laboratory use in QC/Production of Hematology Reagents

S. No.	Chemical Name	CAS	Make	Qty	Pack Size
1	2-Mercaptopyridine-1-oxide Sodium salt Solution/Pyrrithione Sodium salt	L R Grade	As per request	500 ml	500 ml
2	2-Phenoxyethanol/Phenoxyetanol, Ethyleneglycol-monophenylether	L R Grade	As per request	2.5 ltr	2.5 Ltr
3	Acidum Boricum Crystallisatum	L R Grade	Zytex	500 gm	500gm
4	Alkalase 2.5 L, Type DX	AR Grade	Dhishman	2.5L	2.5 Ltr
5	Dodecyl-Trimethyl-Ammonium-Chloride solution	AR Grade	As per request	5 kg	5 kg
6	Erioglaucine (C.I. 42090)/Acid Blue 9, Alphazurine FG	AR Grade	As per request	5 gm	5 gm
7	Ethylenediaminetetraacetic acid disodium salt-2-hydrate/EDTA-di-na-salt x2H2O	L R Grade	As per request	500 gm	500 gm
8	GLYDANT/1,3-dihydroxymethyl-5,5-dimethylhydantoin	AR Grade	As per request	500ml	500ml
9	Hydrochloric acid min. 37%	L R Grade	As per request	2.5lt	2.5 Ltr
10	IMIDAZOLE/Glyoxalinem, 1,3-Diaza-2,4-cyclopentadiene	L R Grade	As per request	5kg	100gm
11	Calcium Chloride dihydrate	AR Grade	As per request	500 g	5 Kg
12	Savinase 16 L, Type EX	L R Grade	As per request	2.5Lt	
13	Sodium azide	L R Grade	As per request	500g	100gm
14	Sodium Chloride/Ph.Eur.	AR Grade	As per request	5 kg	25 Kg
15	Sodium-citrate puris	L R Grade	As per request	500 gm	500gm
16	Sodium hydroxide	L R Grade	As per request	500 gm	1 Kg
17	Sodium hypochlorite solution conc. Cl more than 10 %	L R Grade	As per request	1 lt	1 Ltr
18	Sodium sulphate anhydrous	AR Grade	As per request	10 kg	10 kg
19	Sodium-Tetraborate-deka-hydrate (Borax)	AR Grade	As per request	5kg	500gm
20	Tris (hydroxymethyl) aminomethan/TRIS buffer	L R Grade	As per request	500 gh	500gm
21	Triton X-405 Solution	L R Grade	Sigma Aldrich	1 Ltr	1 Ltr
22	Triton X-705 Solution	L R Grade	LonZa	100ml	500ml

## Chemical for Laboratory use in R&D/QC

S. No.	Chemical Name	CAS	Make	Qty	Pack Size
1	Casein Hammerstail Grade	9000-71-9	import	500g	500gm
2	Di-Sodium Hydrogen Phosphate anhydrous GR	7558-79-4	As per request	500g	500GM
3	Sodium di-Hydrogen Phosphate dihydrate GR	13472-35-0	As per request	500g	500gm
4	Boric Acid	10043-35-3	As per request	250g	500gm
5	Di-Sodium Tetraborate	1303-96-4	As per request	500g	500g
6	Potassium Chloride	7447-40-7	As per request	500g	500gm
7	Potassium Di-hydrogen Phosphate	7778-77-0	As per request	500g	1000g
8	MOPS(3-marpholinopropane sulfonic Acid)	1132-61-2	As per request	250g	100gm
9	Sodium Chloride	7647-14-5	As per request	2000g	500gm
10	Tri-Sodium Citrate 2-Hydrate (Purified)	03-04-6132	As per request	500g	500gm
11	D-(+)-Trehalose Dihydrate	6138-23-4	As per request	250g	25gm
12	D-(+)-Trehalose Dihydrate	6138-23-4	As per request	250g	25gm
13	Sucrose GR	57-50-1	As per request	250g	500gm
14	Gold(III) Chloride Trihydrate	16961-25-4	As per request	10g	1 gm
15	Potassium Carbonate	584-08-7	As per request	500g	500gm
16	Hydrochloric Acid	7647-01-0	As per request	500ml	500ml
17	Brij-35	9002-92-0	As per request	100g	500gm



S. No.	Chemical Name	CAS	Make	Qty	Pack Size
18	Sodium Azide	26628-22-8	As per request	100g	100gm
19	Tween -20	9005-64-5	As per request	100ml	500ml
20	Tween -20	9005-64-5	As per request	100ml	100ml
21	Potassium Iodide	7681-11-0	As per request	500g	500gm
22	Potassium Dichromate	7789-50-9	As per request	500g	500gm
23	EDTA, Disodium Salt	6381-92-6	As per request	100g	100gm
24	Sulfuric Acid	7664-93-9	As per request	500ml	500ml
25	Kathon-CG	NA	As per request	250ml	50g
26	BSA	9048-46-8	As per request	500g	10gm
27	Potassium di-hydrogen phosphate	7778-77-0	As per request	500g	500g
28	Titron-X-100	9002-93-1	As per request	250ml	1 L
29	Sodium Hydroxide	1370-73-0	As per request	500g	500gm
30	Phosphoric Acid	7664-38-2	As per request	500g	500ml

S. No.	Chemical Name	CAS	Make	Qty	Pack Size
1	ACETONE LR-2.5 L	L R Grade	As per request	2.5Lt	2.5Lt
2	BENZOIC ACID	L R Grade	As per request	5kg	500gm
3	Disodium Tetraborate	L R Grade	As per request	2.5kg	500gm
4	BORAX	AR Grade	As per request	5kg	500gm
5	BORIC ACID	AR Grade	As per request	5kg	5Kg
6	Bromo Cresol Purple (BCP)	AR Grade	As per request	100g	5gm
7	ETHYLENE GLYCOL	L R Grade	As per request	500ml	500ml
8	EDTA DISODIUM SALT AR	AR Grade	As per request	500g	500gm
9	E.D.T.A. disodium salt dihydrate LR	L R Grade	As per request	500g	500gm
10	GLYCEROL	L R Grade	As per request	500ml	500ml
11	HYDROCHLORIC ACID	AR Grade	As per request	2.5lt	2.5Lt
12	IMIDAZOLE LR (HEMATOLOGY)	L R Grade	As per request	500g	100gm
13	MAGNESIUM CHLORIDE (AR)	L R Grade	As per request	500g	500gm
14	Urea AR	AR Grade	As per request	500g	500gm
15	Potassium Chloride	L R Grade	As per request	500g	500gm
16	POTASSIUM DIHYDROGEN PHOSPHATE	L R Grade	As per request	500g	500gm
17	Potassium dihydrogen phosphite LR	L R Grade	As per request	500g	500gm
18	Propylene Glycol	AR Grade	As per request	500ml	500ml
19	PYRIDINE	AR Grade	As per request	100ml	500ml
20	DI POT. HYD. ORTH. PHOS	L R Grade	As per request	500g	500gm
21	SODIUM ACETATE	L R Grade	As per request	500g	500gm
22	SODIUM BENZOATE	L R Grade	As per request	500g	500gm
23	Sodium phosphate monobasic dihydrate LR	L R Grade	As per request	500g	500gm
24	SODIUM HYDROXIDE	L R Grade	As per request	500g	500gm
25	Sodium phosphate dibasic anhydrous LR	L R Grade	As per request	500g	500gm
26	SODIUM SULPHATE ANHYDROUS	L R Grade	As per request	500g	500gm
27	SODIUM CITRATE DIHYDRATE	L R Grade	As per request	500g	500gm
28	SODIUM CHLORIDE	L R Grade	As per request	2kg	500gm
29	TRIS BUFFER	AR Grade	As per request	500g	500gm

# BUFFERS

## BLOCKING AGENTS

It is well known that immunoassays for IVD applications are subject to interference from a range of debris in the sample other than the target analytes, such as proteins, antibodies and molecules, causing false positive or false negative testing results. Blocking reagents are designed to bind to open sites, preventing unbound debris from non-specifically binding.

AARMEDICA offers a wide range of high quality blocking agents for IVD applications. Assay sensitivity can be significantly improved with the presence of these blocking agents by either reduced background signal or increased signal-to-noise ratio for various applications, including ELISA (Enzyme-Linked Immunosorbent Assay), immunohistochemistry, and immune blotting.

### NAME

IgG, Mouse

IgG, Rabbit

Purified Bovine IgG

Albumin, Bovine Serum, Immunoassay EIA grade

Albumin Bovine Fraction V pH7.0

Casein

Skim milk powder

## GAMMA GLOBULIN PROTEINS

To support you with a complete workflow for immunoassays, in addition to antibodies, we also offer purified immune globulins, proteins, stabilizers and additives. These products are ideal for immunoassay development and manufacturing and are provided in different formats for optimal quality and consistency. VALIDATED: Know your reagent specificity and cross-reactivity for reliable results

### Alternative blocking agents:

#### NAME

Whole Human Serum

Whole Goat Serum

Normal Goat Serum

Normal Mouse Serum

#### NAME

Human Gamma Globulin, Fraction II

Bovine Gamma Globulin, Fraction II

Mouse Gamma Globulin Fraction

Purified Human IgG

Purified Mouse IgG

Purified Bovine IgG

Purified Hamster IgG

Horse IgG

Bovine Gamma Globulin, NZ Origin




# REAGENTS AND MATERIALS FOR IVD MANUFACTURING

Our salt and buffers are ideal for use in IVD manufacturing, as they lack impurities that may interfere with biochemical reactions or give false positives in an assay. From Good buffers to salts that meet ACS,

USP or Ultra Pure grades, AARMEDICA has a solution for your project.

NAME	CAS NO.
TRIS Hydrochloride	1185-53-1
Tris (Trometamol)	77-86-1
Bicine	150-25-4
CAPS Buffer	1135-40-6
MOPS Buffer	1132-61-2
TAPS Buffer	29915-38-6
EPPS Buffer	16052-06-5
MOPSO Buffer	68399-77-9
HEPES Buffer	7365-45-9
PIPES Buffer	5625-37-6
PEP Phosphoenol pyruvate Buffer	35556-70-8
BES Buffer	10191-18-1
DIPSO Buffer	68399-80-4
CHES Buffer	103-47-9
CAPSO Buffer	73463-39-5
POPSO Buffer	68189-43-5
Tris Acetate	6850-28-8
TAPSO Buffer	68399-81-5
ACES Buffer	7365-82-4
ADA Buffer	26239-55-4
HEPBS Buffer	161308-36-7
TES Sodium Salt	70331-82-7
TES Buffer	7365-44-8
PIPES dipotassium salt	108321-27-3
PIPES-NA	10010-67-0
TAPSO Sodium Salt	105140-25-8
HEPPSO-NA	89648-37-3
MOPS-Na	71119-22-7
DIPSO-NA	102783-62-0
CHAPSO	82473-24-3
CAPSO-Na	102601-34-3
BIS-TRIS Hydrochloride	124763-51-5
BIS-TRIS	6976-37-0
CHAPS Buffer	75621-03-3
<b>Chemiluminescent Reagent</b>	
3-Aminophthalhydrazide	521-31-3
4-Aminophthalhydrazide	3682-14-2
Luminol Sodium Salt	20666-12-0
NSP-SA	211106-69-3
NSP-SA-NHS	199293-83-9
NSP-SA-ADH	3682-14-2



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Chromogen Reagent/Trinder's Reagent

TOOS	82692-93-1
TOPS	40567-80-4
ADOS	82692-96-4
ADPS	82611-88-9
ALPS	82611-85-6
DAOS	83777-30-4
HDAOS	82692-88-4
MADB	209518-16-1
MAOS	82692-97-5
DA64	115871-19-7
DA67	115871-18-6
TOOS	82692-93-1
TOPS	40567-80-4
ADOS	82692-96-4
ADPS	82611-88-9



# REAGENTS AND MATERIALS FOR IVD MANUFACTURING

## PRIMARY ANTIBODIES

Primary antibodies are usually un conjugated immunoglobulins that directly bind to a specific antigen of interest, such as a protein, peptide, small molecule, etc. The variable region of the primary antibody recognizes an epitope on the target antigen. Primary antibodies are useful for detecting, purifying and quantifying target molecules in various diagnostic applications, such as ELISA, immunohistochemistry, flowcytometry and western blotting. A good primary antibody needs to recognize and bind the antigen with high affinity and specificity.

With over 30 years of experience and expertise serving the antibody research community and in vitro diagnostic industry, AARMEDICA offers a large range of primary antibodies from various host species, ensuring:

- » Superior over all affinity to antigens
- » Robust sensitivity of detection
- » High tolerance to changes, such as Ph or buffer
- » Trusted quality-validated by thousands of scientific publications

### Monoclonal Antibody

Product name	Cat.#	Clone	Host	Application	Unit
Infectious Disease					
MP	HM183A	1183A	Mouse	CLIA/POCT, Capture	mg
		1183B	Mouse	CLIA/POCT, Detective	mg
FluANP	HM185B	1185C	Mouse	POCT, Capture	mg
		1185D	Mouse	POCT, Detective	mg
FluBNP	HM193B	1193C	Mouse	POCT, Capture	mg
		1193D	Mouse	POCT, Detective	mg
Cardiac Markers					
cTnI	HM033E	1033D	Mouse	CLIA/POCT Capture D+E, Detective F	mg
		1033E	Mouse		mg
		1033F	Mouse		mg
cTnT	HM034B	1034E	Mouse	CLIA/POCT, Capture	mg
		1034F	Mouse	CLIA/POCT, Detective	mg
NT-proBNP	HM036A	1036A	Goat	POCT	mg
		1036B	Mouse	Capture A, Detective B	mg
BNP	HM037A	1037A	Mouse	CLIA/POCT Capture G, Detective A/B	mg
		1037B	Mouse		mg
		1037G	Goat		mg
sST2	HM148A	1148A	Mouse	CLIA, Detective	mg
		1148C	Mouse	CLIA, Capture	mg
Lp-PLA2	HM003C	1003A	Mouse	LETIA, POCT, Capture	mg
		1003C	Mouse	LETIA, POCT, Detective	Mg
Liver Function					
PIIINP	HM027A	1027A	Mouse	CLIA/POCT, Capture	mg
		1027B	Mouse	CLIA/POCT, Detective	mg
Thyroid					
T3	HM150A	1150A	Goat	CLIA	mg
T4	HM151A	1151A	Goat	POCT	mg
		1151B	Mouse	CLIA	mg
Hormones					
ACTH	HM141A	1141A	Mouse	CLIA/POCT, Capture	mg
		1141B	Mouse	CLIA/POCT, Detective	mg
E2	HM177A	1177A	Goat	CLIA	mg
T	HM115A	1115A	Goat	CLIA	mg
P	HM114D	1114C	Goat	CLIA	mg





ACTH	HM141A	1188A	Mouse	CLIA, Capture	mg
		1188B	Mouse	CLIA, Detective	mg
Tumor					
PGI	HM023B	1023C	Mouse	CLIA/POCT, Capture	mg
		1023D	Mouse	CLIA/POCT, Detective	mg
PGII	HM024B	1024C	Mouse	CLIA/POCT, Capture	mg
		1024D	Mouse	CLIA/POCT, Detective	mg
HP	HM025G	1025A	Mouse	ELISA/IC, Capture	mg
		1025B	Mouse	ELISA/IC, Detective	mg
G-17	HM013D	1013E	Mouse	POCT, Capture	mg
		1013F	Mouse	POCT, Detective	mg
PIVKA-II	HM116B	1116E	Mouse	CLIA Capture E, Detective G	mg
		1116G	Mouse		mg
IgE	HM110A	1110A	Mouse	CLIA/POCT/LETIA, Capture	mg
		1110B	Mouse	CLIA/POCT/LETIA, Detective	mg
Rheumatoid					
MMP-3	HM164A	1164A	Mouse	CLIA/POCT/LETIA, Capture	mg
		1164B	Mouse	CLIA/POCT/LETIA, Detective	mg
Interstitial Pneumonia					
KL-6	HM165A	1165A	Mouse	CLIA/POCT/LETIA, Capture	mg
		1165B	Mouse	CLIA/POCT/LETIA, Detective	mg
Inflammation					
IL-6	HM022D	1022F	Mouse	CLIA, POCT,Capture	mg
		1022G	Mouse	CLIA, Detective	mg
		1022H	Mouse	CLIA, POCT,Detective	mg
PCT	HM020B	1020A	Mouse	POCT: Capture A, Detective E	mg
		1020E	Mouse		mg
Metabolic Syndrome					
HbA1c	HM004A	1004A	Mouse	POCT, Capture	mg
HbA1c	HM004E	1004G	Mouse	LETIA, Capture	mg
Hb	HM016A	1016A	Mouse	POCT, Detective	mg
Insulin	HM163B	1163C	Mouse	CLIA/POCT Detective	mg
		1163D	Mouse	CLIA/POCT Capture	mg
Blood Coagulation					
D-Dimer	HM091A	1091A	Mouse	CLIA/POCT, Capture	mg
		1091B	Mouse	CLIA/POCT, Detective	mg
		1091G	Mouse	LETIA,CLIA/POCT, Capture	mg
FA mAb	Hm101	10101	Mouse	CLIA/POCT, Capture	mg

# REAGENTS AND MATERIALS FOR IVD MANUFACTURING

## POLYCLONAL ANTIBODIES & SERUMS

### *Antiserum*

Product Name	Cat.#	Clone	Host	Unit
M anti.-H IgG4	HM090A	1090A	Mouse	mg
M Anti-HIgG	HM085L	1085G	Mouse	mg
M Anti-HIgM	HM086H	1086I	Mouse	mg
Mouse IgG	HP085FM	/	Mouse	mg
G Anti-MIgG	HP085FG-2	/	Goat	mg
Rabbit IgG	HP085FR	/	Rabbit	mg
G Anti-R IgG	HP085BR	/	Goat	mg
G Anti-M IgG	HP085GR	/	Rabbit	mg
Chicken IgY	HA210AN	/	Chicken	mg
G Anti-Ch IgY	HP210AG	/	Goat	mg

### *Polyclonal Antibody*

Product Name	Cat.#	Host	Application	Unit
FN	HP042BG	Goat	>1:64	ml
Clq	HP089AG	Goat	>1:64	ml
AAT	HP030EG	Goat	Immunoturbidimetry	ml
AAG	HP031EG	Goat	Immunoturbidimetry	ml
HPT	HP032CS	Sheep	Immunoturbidimetry	ml
CG	HP011AR	Rabbit	Latex Immunoturbidimetry	mg
IgE	HP110AR	Rabbit	Latex Immunoturbidimetry	mg
Lp (a)	HP063BG	Goat	Latex Immunoturbidimetry	mg
CCP pAb	HP074BN	Native	Latex Immunoturbidimetry, CLIA	ml



# Latex Microsphere

## Latex Microsphere

Solid content	10%
Size	60-420nm
CV	<5%
Carboxyl content	44-167 □eq/g
Single batch capacity	200L
Validity period	5 years
Storage conditions	2-8°C is advised
Packing Specifications	10mL, 100mL, 500mL, 1L, 10L, 100L

Product Name	Cat.#	Size (nm)	Unit
White Latex Microspheres	HF017A-60	60nm±10nm(50-70)	ml
	HF017A-80	80nm±10nm(70-90)	ml
	HF017A-100	100nm±10nm(90-110)	ml
	HF017A-120	120nm±10nm(110-130)	ml
	HF017A-150	150nm±10nm(140-160)	ml
	HF017A-170	170nm±10nm(160-180)	ml
	HF017A-240	240nm±10nm(230-250)	ml
	HF017A-300	300nm±10nm(290-310)	ml
	HF017A-360	360nm±10nm(350-370)	ml
	HF017A-400	400nm±10nm(390-410)	ml
Tricarboxy Latex Microspheres	HF176A-100	100nm±10nm(90-110)	ml
	HF176A-130	130nm±10nm(120-140)	ml
	HF176A-200	200nm±10nm(190-210)	ml
Blue Latex Microspheres	HF017AB-300	300nm±10nm(290-310)	ml
	HF017AB-400	400nm±10nm(390-410)	ml
Red Latex Microspheres	HF017AR-300	300nm±10nm(290-310)	ml
	HF017AR-400	400nm±10nm(390-410)	ml



# » REAGENTS AND MATERIALS FOR IVD MANUFACTURING

## ENZYME SUBSTRATES

Enzyme substrates are usually chemicals which can generate visible or fluorescent light as signals in the presence of suitable enzymes. Substrates are typically used in combination with primary antibodies or secondary antibodies that are conjugated to enzymatic reporter molecules, such as peroxidase, alkaline phosphatase or beta-galactosidase. They are essential reagents in immunoassay to detect and quantify specific targets in life science and diagnostic manufacturing industry. AARMEDICA offers various enzyme substrates with high performance, stability, consistency, and convenience. Such substrates are designed to propagate the signal in an immunoassay.

Colorimetric Substrates for ELISA	Name
	TMB Powder(3,3',5,5'-Tetramethylbenzidine)
	3,3',5,5'-Tetramethylbenzidine Liquid Substrate
	3,3',5,5'-Tetramethylbenzidine Liquid Substrate
	2,2'-Azino-bis-(3-ethyl-benzthiazoline-6-sulfonicacid)solution
	2,2'-Azino-bis-(3-ethyl-benzthiazoline-6-sulfonicacid) (ABTS powder)
	P-Nitrophenylphosphatedi(tris)salt,powder
	O-Nitrophenyl-β-D-galactopyranoside
Colorimetric Substrates for Blotting	Name
	BCIP/NBT, liquid substrate plus
	BCIP/NBT, stable alkaline phosphatase substrate
	5-Bromo-4-chloro-3-indolylphosphate,disodiumsalt,powder
	P-Nitrobluetetrazoliumchloride,powder
Colorimetric substrates for Immunohistochemistry	Name
	3,3-DiaminobenzidineTetrahydrochloride,powder
	3,3-Diaminobenzidinetablets






## OTHER ENZYMES

AARMEDICA is quickly becoming the partner of choice in assay development, particularly in the IVD market. Our collection of enzymes with proven lot-to-lot consistency and stable supply chain are paramount in your manufacturing processes.

Clinical Chemistry	Name
	Alcohol Dehydrogenase,2×Crystalline
	α-Amylase
	Carbonic Anhydrase
	α-Chymotrypsin, 1× Crystallized
	α-Chymotrypsin, 3× Crystallized
	Hyaluronidase,from Bovine Testes
	Papain, from Papaya Latex
	Pepsin,Porcine,1:10,000NF
	Superoxide Dismutase



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## Coagulation/ Hematology

### Name

Thrombin,Bovine  
Thrombin,Bovine,HighPurityGrade  
Thrombin,Bovine,LowSpecificActivity,NZorigin  
Thrombin,LowSpecificActivity  
BovineThrombin,HighSpecificActivity  
Trypsin,Porcine,1-250,Virusfree

## Histology

### Name

Collagenase,typel,fromClostridiumhystolycum  
Collagenase, typell,fromClostridiumhystolycum  
Collagenase,type3,fromClostridiumhystolycum  
Collagenase,type4,fromClostridiumhystolycum

## Lab Testing/Diabetes

### Name

Glucose-6-PhosphateDehydrogenase, fromLeuconostocMesenteroides  
GlucoseOxidase,fromAspergillusNiger  
 $\beta$ -Glucuronidase,fromHelixPomatia

### Name

DeoxyribonucleaseI,fromBovinePancreas  
Proteinase K  
rProteinaseK  
RibonucleaseA  
RibonucleaseA,MolecularBiologyreagent  
Ribonuclease,DNasefree  
Streptokinase

## » REAGENTS AND MATERIALS FOR IVD MANUFACTURING

### Salts & Buffers

#### Name

2-MercaptoethanesulfonicacidSodiumSalt  
 $\alpha$ -Ketoglutaric Acid  
Ammonium Citrate Dibasic, Anhydrous; ACS  
AmmoniumSulfate  
Bariumchloridedihydrate,ACS  
Bis-TrisPropane  
Bis-TrisPropane,UltraPure  
CalciumPantothenate,meetsUSP  
Cetyltrimethylammoniumbromide  
CholineChloride  
Cholinechloride,meetsUSP  
EDTADisodiumSaltDihydrate,meetsACS/USP  
EDTATetrasodiumDihydrate  
Feroussulfateheptahydrate,meetsACS/USP  
FerricAmmoniumCitrate  
FerricChloride,ACS  
Ferric Citrate  
Ferric Citrate,Purified Powder  
HEPES UltraPure  
HEPES,  $\geq 99.5\%$   
HEPES,FreeAcid

### Amino Acids & Enzymes

#### Name

$\beta$ -Alanine  
 $\beta$ -Glucuronidase  
Catalase,Human  
DL-Serine  
Glycine 99.5%  
Glycine,meetsUSP/EP  
Glycyl-L-glutaminehydrateGMPgrade  
L-AscorbicAcid  
L-AsparagineMonohydrate,meetsNF/EP  
L-Asparagine,Anhydrous  
L-AsparticAcidSodiumSaltMonohydrate  
L-AsparticAcid,meetsUSP/EP  
L-Cysteine  
L-Cystine  
L-Cystine Dihydrochloride  
L-Cystine Dihydrochloride, 98%  
L-Cystine,meets USP  
L-Glutamic acid  
L-Histidine, Free base, meets USP/EP  
L-Hydroxyproline  
L-Lysine, Anhydrous



Name
HEPES,FreeAcid,>99.5%
HEPES,SodiumSalt
LinoleicAcidSodiumSalt
Magnesiumsulfateanhydrous
Monosodium Glutamate Monohydrate, meetsFCC
MQPS Sodium Salt >99%
MQPS, FreeAcid, >99%
PIPES Disodium Salt
Poly-L-LysineHBr,MW1000-5000
Potassiumbromide,meetsACS/USP
Potassium Phosphate Dibasic Trihydrate
Potassium Phosphate Dibasic Trihydrate
PotassiumPhosphateMonobasic,ACS/NF
PotassiumPhosphateMonobasic,Anhydrous,ACSGrade
PotassiumPhosphateTribasic,meetsACS/FCC
PotassiumSulfate,meetsEP
Rhodium(III)chloridehydrate
SodiumBenzoate
SodiumBorateDecahydrate, ACS
SodiumBromide,meetsUSP/EP/BP/JP
SodiumPhosphateDibasicAnhydrous,USP
SodiumPhosphateDibasic,Anhydrous,meetsUSP/EP/JP
Sodiumpyruvate
ThioglycolicAcidSodiumSalt
Tricine
Tris
TrisHydrochloride
Tris(2-carboxyethyl)phosphinehydrochloride
Urea
Urea,ACS,Prilled
Urea,UltraPure

Name
L-Methionine, meetsEP
L-Proline,meetsUSP/EP/JP
L-Tyrosinedisodiumsaltdihydrate,□98%
L-Valine,meetsUSP/EP/JP
N-Acetyl-L-Cysteine,USP
ProteinaseK
rCatalasefromE.Coli
RibonucleaseA
RibonucleaseA,MolecularBiologyreagent
Ribonuclease,DNasefree
rProteinaseK
Streptokinase
Superoxide Dismutase
Thrombin,Bovine

## Nucleosides & Nucleotides

Name
2-DeoxycytidineHydrochloride
5-Methyl-2'-deoxycytidine
Adeninehemisulfatedihydrate
AdenineHydrochloride,CellCultureReagent
Adenine,USP
Adenosine,USP
Cytidine,□99.6%
Cytidine,Freebase
GuanineHydrochloride
Thymidine
Thymine
Uridine
Uridine,CellCultureReagent



## Specialty Chemicals

Name	Name
2-Deoxy-D-Ribose	Inosine
2'-Deoxyguanosine Monohydrate	Lactose monohydrate, meets NF/EP/JP
3-Aminopropyltriethoxysilane	L-Carnosine
Agar, meets NF	Linoleic Acid, >=98%
$\alpha$ -Cyclodextrin	L-Ornithine Hydrochloride
Aluminum Isopropoxide, >99.99	Lutrol F68, meets NF
Ascorbic Acid, meets USP/BP	Methotrexate, USP/EP Grade
Bentonite, EP	Myristic Acid
BOC-Asp(OMe)-Fluoromethyl-Ketone	N-Acetyl-L-Cysteine, meets USP
BOC-Val-Ile-[(S)-4-Amino-2,2-Difluoro-3-Oxo-Pentanoyl]-Val Ile-OMe	Niacin, meets EP
Capreomycin Sulfate, meets USP	Niacin, meets USP
Caprylic acid sodium salt, meets EP	Niacinamide, meets EP
Cellnest™ (Liquid)	Niacinamide, meets USP
Cellnest™ (Powder)	N-Lauroyl Sarcosine Sodium Salt
Cephalothin	Oleic Acid, >90%
CHAPS	Oleic Acid, 99%
CHAPSO	Paclitaxel, meets USP
Chloramphenicol, meets EP	Pancreatin 4X, USP
Cholesterol NF (animal origin)	Periodic Acid, ACS
Cholesterol, semi-synthetic, meets EP	Phenol red sodium salt, ACS Grade
D-(-)-Ribose	Phenol Red, Free Acid, meets EP
D-(+)-Maltose monohydrate, meets USP	Pluronic F-68
D-(+)-Raffinose pentahydrate, 99%	Polymyxin B Sulfate, meets USP/EP
Demecolone	Potassium bromide, meets ACS/USP
Dextran Sodium Sulfate, MW=6,000-8,000	Pyridoxal hydrochloride
Dextran, MW=60,000-90,000	Retinyl acetate
Dextran, MW=150,000	Riboflavin, meets USP/EP
Dextran, MW=35,000-50,000	rTrypsin, from E.Coli
Dextran, MW=60,000-90,000	Sodium diatrizoate, meets USP
Dextrose Monohydrate, meets USP	Sodium Gluconate, meets USP
Dextrose, Anhydrous, meets USP	Spermine
D-Glucosamine Hydrochloride, USP Grade	Spermine Tetrahydrochloride
D-Glucose, meets USP	Streptomycin sulfate, meets EP
D-Mannitol, ACS	Sucrose, meets NF
D-Mannitol, meets USP/EP/BP	Sulfamethoxazole, USP
Doxycycline Hyclate, USP	Taurine, meets USP
D-Xylose, meets USP	Thiamphenicol, 0.3%, Sterile
Flavine adenine dinucleotide, disodium (FAD, Na <sub>2</sub> )	Thiamphenicol, meets BP
Galactose, Meets EP, plant origin	TIC10
Glutathione Reduced, >99%	Tomatidine Hydrochloride
Guanidine Hydrochloride	Tranexamic Acid, meets USP
Guanidine Thiocyanate	Trimethoprim, USP
Guanosine, ≥98%	Uracil
Human recombinant Insulin, meets EP	Urea, meets USP
Hypotaurine	Violacein
Hypoxanthine Disodium Salt	Vitamin D3
Hypoxanthine, 99%	Z-Asp-Glu-Val-Asp-7-Amino-4-Trifluoromethyl-Coumarin
Imidazole	$\beta$ -D-Glucose, purity ≥ 97%

# BOVINE SERUM ALBUMIN (BSA)

AARMEDICA supplies various grades of BSA useful to the IVD industry. The grades include low endotoxin, essentially protease free, low free fatty acid, low IgG, and an ultra-low IgG grade BSA. The specification limits for free fatty acid content and IgG content is among the lowest available commercially.

- » EDQM TSE Certificate of Suitability (CEP) is available for BSA
- » All BSA grades can be gamma irradiated to 25 kg or 50kg up on request

- » Custom pack sizes ranging from 5gm to 10kg Or 25kg
- » Excellent lot-to-lot consistency
- » Wide range of BSA grades to suit various applications in biopharmaceuticals, mammalian cell culture, fish vaccines, membrane testing, diagnostics, and a host of other applications
- » The lowest free fatty acid and IgG content BSA available commercially
- » Standard lot size is 80 kg; lot sizes of up to 160 kg can be manufactured upon request

# BOVINE THROMBIN

Thrombin is used throughout the diagnostics industry in a variety of coagulation assays, clotting factor tests and for defibrinating blood or plasma for serum controls. Thrombin is also used for site specific cleavage of recombinant fusion proteins and in biochemical and medical research applications.

AARMEDICA supplies both Low Specific Activity and High Specific Activity Bovine Thrombin. Prothrombin from bovine plasma is activated with thromboplastin extracted from bovine lung tissue.

- » Available as a lyophilized powder in vials and as a bulk powder
- » Large packs from 5KU to 150MU Thrombin upto 1MU is packaged in glass vials, and higher quantities as bulk powder
- » Very competitively priced
- » Thrombin is freeze dried in specially designed lyophilization trays to avoid operator exposure and product contamination
- » Used by large global diagnostic companies as their primary source in high-end Coagulation Dxs of up to 160 kg can be manufactured upon request

# IMMUNOGLOBULIN (IgG)

Useful as a blocking agent in certain immune assays that involves small hydrophobic analytes, steroids and hormones. It has replaced BSA in certain assays due to its higher molecular weight and potentially due to its tendency to help reduce cross reactivity with the molecule being tested. Lot sizes up to 25kg are available in stock.

## Product Name

Bovine Albumin Microbiological Grade  
Bovine Albumin Low Endotoxin  
Bovine Albumin Low IgG  
Bovine Albumin Essentially Protease Free  
Bovine Albumin Low Free Fatty Acid  
Ultra Low IgG BSA  
Bovine Fibrinogen 90% Clottable  
Bovine Fibrinogen 90% Clottable-Bulk  
Bovine Thrombin, Low Specific Activity  
Bovine Thrombin (Bulk), Low Specific Activity  
Bovine Thrombin, High Specific Activity  
IgG-Bovine Immunoglobulin G (pH 4.5-5.5)  
Bovine Transferrin Iron Poor (Apo) (Heat Treated)  
Bovine Transferrin Iron Saturated (Holo) (Heat Treated)



📍 M/S AARMEDICA FIRST FLOOR, PLOT NO.355, UDYOG KENDRA EXTN.1, ECOTECH III, GREATER NOIDA (WEST), U.P.-201306  
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# RECOMBINANT PROTEIN DESIGN AND PURIFICATION

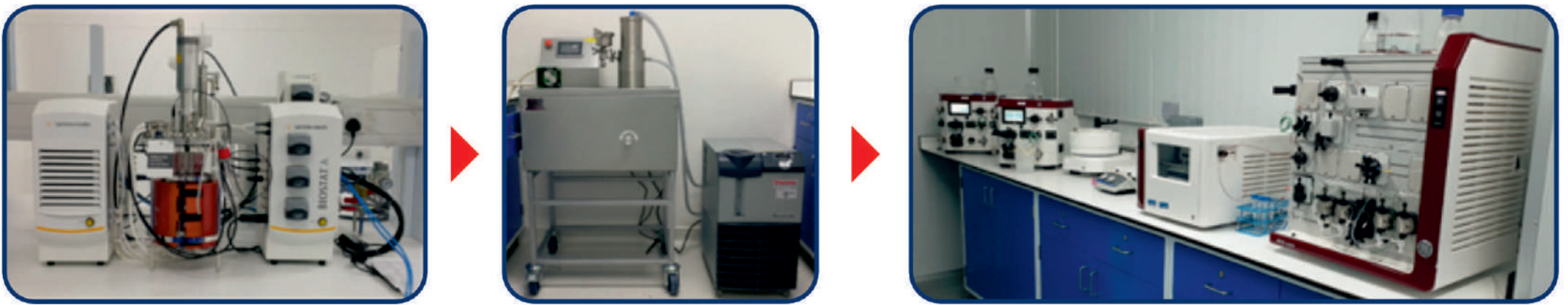
MP Bio's recombinant antigens, native HBsAg antigens and Guinea-pig anti-HBs are produced at our ISO 13485:2016 certified and state-of-the-art facility in Singapore. We have been developing and producing these protein products for more than 20 years.

The recombinant proteins we have developed by cloning and production in E. coli cultures have been used in the development of diagnostic assays in Immunoblots, ELISA, and Rapid Tests (see Table 1).

Tests conducted to ensure batch-to-batch quality and consistency in recombinant proteins include:

- » Protein Concentration  $A_{280}$
- » Ratio of  $A_{260}/A_{280}$
- » Identity: WesternBlot/Manual Slotting
- » SDS-PAGE(Coomassie Blue, Silver Stain)

## PROCESS AUTOMATED RECOMBINANT PROTEIN PRODUCTION PROCESS



# BULK BIOCHEMISTRY REAGENTS

## Biochemistry Bulk Reagents Available – Product List

Product Name	Code	Assay Type	Reagent Type
Total Bile Acid Assay Kit	TBA	Enzymatic	Single/Two
Homocysteine Assay Kit	HCY	Enzymatic	Single/Two
Creatinine Assay Kit	CREA	Oxidase Method	Single/Two
Glucose Assay Kit	GLU	Hexokinase Method	Single/Two
N-Acetyl-beta-D-Aminoglucosidase Assay Kit	NAG	Colorimetric	Single/Two
Free Fatty Acid Assay Kit	NEFA	Enzyme Method	Single/Two
C-Reactive Protein (CRP) Assay Kit	CRP	Latex-Enhanced Immunoturbidimetric Method	Single/Two
C-Reactive Protein (CRP) Assay Kit	CRP	Latex Agglutination Method	Single/Two
Rheumatoid Factor (RF) Assay Kit	RF	Latex-Enhanced Immunoturbidimetric Method	Single/Two
Rheumatoid Factor (RF) Assay Kit	RF	Latex-Enhanced Immunoturbidimetric Method	Single/Two
Rheumatoid Factor (RF) Assay Kit	RF	Latex Agglutination Method	Single/Two
Anti-Streptolysin O (ASO) Assay Kit	ASO	Latex-Enhanced Immunoturbidimetric Method	Single/Two
Anti-Streptolysin O (ASO) Assay Kit	ASO	Latex Agglutination Method	Single/Two
Carbon Dioxide (CO <sub>2</sub> ) Assay Kit	CO <sub>2</sub>	Enzymatic	Single/Two
Ferritin Assay Kit	Fer	Latex-Enhanced Immunoturbidimetric Method	Single/Two
Alpha-Amylase (α-AMY) Assay Kit	α-AMY	EPS-G7 Substrate Method	Single/Two
Blood Ammonia Assay Kit	AMM	Enzymatic	Single/Two
Sialic Acid Test Kit	SA	Enzymatic	Single/Two
Glycated Hemoglobin (HbA1c) Assay Kit	HbA1c	Latex-Enhanced Immunoturbidimetric Method	Single/Two
Neutrophil Gelatinase-Associated Lipid Transport Protein Kit	NGAL	Immunoturbidimetric Method	Single/Two
Lipase (LPS) Assay Kit	LPS	Enzymatic	Single/Two
Anti-Streptolysin O (ASO) Assay Kit	ASO	Latex-Enhanced Immunoturbidimetric Method	Single/Two
Anti-Streptolysin O (ASO) Assay Kit	ASO	Latex Agglutination Method	Single/Two
Carbon Dioxide (CO <sub>2</sub> ) Assay Kit	CO <sub>2</sub>	Enzymatic	Single/Two
Ferritin Assay Kit	Fer	Latex-Enhanced Immunoturbidimetric Method	Single/Two
Alpha-Amylase (α-AMY) Assay Kit	α-AMY	EPS-G7 Substrate Method	Single/Two
Blood Ammonia Assay Kit	AMM	Enzymatic	Single/Two
Sialic Acid Test Kit	SA	Enzymatic	Single/Two
Glycated Hemoglobin (HbA1c) Assay Kit	HbA1c	Latex-Enhanced Immunoturbidimetric Method	Single/Two
Neutrophil Gelatinase-Associated Lipid Transport Protein Kit	NGAL	Immunoturbidimetric Method	Single/Two
Lipase (LPS) Assay Kit	LPS	Enzymatic	Single/Two
Angiotensin-Converting Enzyme (ACE) Assay Kit	ACE	Continuous Monitoring	Single/Two
β-Hydroxybutyric Acid Determination Kit	β-HB	Enzymatic	Single/Two
Potassium Determination Kit	K	Enzymatic	Single/Two
Sodium Determination Kit	Na	Enzymatic	Single/Two
Urine Microalbumin Test Kit	MALB	Latex-Enhanced Immunoturbidimetric Method	Single/Two
Adenosine Deaminase (ADA) Kit	ADA	Enzymatic	Single/Two
Glutathione Reductase (GR) Assay Kit	GR	GSSG Substrate Method	Single/Two
HDL Cholesterol Measurement Kit	HDL	Direct Method	Single/Two
LDL Cholesterol Measurement Kit	LDL	Direct Method	Single/Two
Aspartate Aminotransferase Mitochondrial Isoenzyme Assay Kit	mAST	Enzymatic	Single/Two
Glycocholic Acid CG (Homogeneous) Kit	CG	Homogeneous	Single/Two
α-L-Fucosidase Assay Kit	AFU	Enzyme Colorimetric Method	Single/Two

Product Name	Code	Assay Type	Reagent Type
5'-Ribonucleotide Hydrolase Assay Kit	5-NT	Enzyme Rate Method	Single/Two
Uric Acid Determination Kit	UA	Enzyme Colorimetric Method	Single/Two
D-Dimer Determination Kit	D-D	Latex-Enhanced Immunoturbidimetric Method	Single/Two
Troponin I Kit	cTn I	Latex-Enhanced Immunoturbidimetric Method	Single/Two
Calcitoninogen Kit	PCT	Latex-Enhanced Immunoturbidimetric Assay	Single/Two
Calcitonin Measurement Kit	CP	Enzymatic	Single/Two
sdLDL-C (Small Dense LDL Cholesterol) Kit	sdLDL	Enzymatic	Single/Two
Immunoglobulin E (IgE) Kit	IgE	Latex-Enhanced Immunoturbidimetric Assay	Single/Two
$\beta$ 2-microglobulin Reagent (with blood and urine test)	BMG	latex-enhancedimmunoturbidimetry	Single/Two
Urine Microalbumin Reagent	mALB	Immunoturbidimetry	Single/Two
Small Dense Low Density Lipoprotein Cholesterol Reagent	sdLDL-C	Enzymatic method	Single/Two
Sially Liquefied Sugar Chain Antigen-6 Reagent	KL-6	latex-enhancedimmunoturbidimetry	Single/Two
Sialic Acid Reagent	SA	Enzymatic method	Single/Two
Rheumatoid Factor Reagent	RF	latex-enhancedimmunoturbidimetry	Single/Two
Retinol-binding Protein Reagent (with blood and urine test)	RBP	latex-enhancedimmunoturbidimetry	Single/Two
Prealbumin Reagent	PA	Immunoturbidimetry	Single/Two
Neutrophil Gelatinaserelated Apolipoprotein Reagent	NGAL	latex-enhancedimmunoturbidimetry	Single/Two
Low Density Lipoprotein Cholesterol Reagent	LDL-C	Enzymatic method	Single/Two
Lipoprotein(a) Reagent	Lp (a)	latex-enhancedimmunoturbidimetry	Single/Two
Lipase Reagent	LPS	Enzymatic method	Single/Two
Homocysteine Reagent	HCY	Enzymatic method	Single/Two
High-sensitivity Creactive Protein Reagent	hs-CRP	latex-enhancedimmunoturbidimetry	Single/Two
High Density Lipoprotein Cholesterol Reagent	HDL-C	Enzymatic method	Single/Two
Glycolic Acid Reagent	CG	latex-enhancedimmunoturbidimetry	Single/Two
Glycated Hemoglobin Reagent	HbA1C	latex-enhancedimmunoturbidimetry	Single/Two
Free Fatty Acid Reagent	NEFA	Enzymatic method	Single/Two
Fibrin (Ogen) Degradation Product Reagent	FDP	latex-enhancedimmunoturbidimetry	Single/Two
Ferritin Reagent	Fer	latex-enhancedimmunoturbidimetr	Single/Two
D-dimer Reagent	D-dimer	latex-enhanced immunoturbidimetry	Single/Two
Cystatin C Reagent (with blood and urine test)	Cys-C	latex-enhanced immunoturbidimetry	Single/Two
Creatinine Reagent	CREA	Enzymatic method	Single/Two
C-reactive Protein Reagent	CRP	latex-enhanced immunoturbidimetry	Single/Two
Complement C1q Reagent	C1q	latex-enhanced immunoturbidimetry	Single/Two
Carbon Dioxide Reagent	CO2	Enzymatic method	Single/Two
Aspartate Aminotransferase Mitochondrial Isoenzyme Reagent	m-AST	Enzymatic method	Single/Two
Apolipoprotein E Reagent	APOE	Immunoturbidimetry	Single/Two
Apolipoprotein B Reagent	APOB	Immunoturbidimetry	Single/Two
Apolipoprotein A1 Reagent	APOA1	Immunoturbidimetry	Single/Two
Anti-Streptococcus O Reagent	ASO	latex-enhancedimmunoturbidimetry	Single/Two
Adiponectin Reagent	ADN	latex-enhancedimmunoturbidimetry	Single/Two
Adenosine Deaminase Reagent	ADA	Enzymatic method	Single/Two
5'-nucleotidase Reagent	5'-NT	Enzymatic method	Single/Two
Product Name	Code	Methodology	Product Number
$\beta$ 2-microglobulin Reagent (with blood and urine test)	BMG	latex-enhanced immunoturbidimetry	S025
Urine Microalbumin Reagent	mALB	Immunoturbidimetry	S014
Small Dense Low Density Lipoprotein Cholesterol Reagent	sdLDL-C	Enzymatic method	S009
Sially Liquefied Sugar Chain Antigen-6 Reagent	KL-6	latex-enhanced immunoturbidimetry	S037
Sialic Acid Reagent	SA	Enzymatic method	S007
Rheumatoid Factor Reagent	RF	latex-enhanced immunoturbidimetry	S018
Retinol-binding Protein Reagent (with blood and urine test)	RBP	latex-enhanced immunoturbidimetry	S023
Prealbumin Reagent	PA	Immunoturbidimetry	S013



Product Name	Code	Methodology	Product Number
Neutrophil Gelatinaserelated Apolipoprotein Reagent	NGAL	latex-enhanced immunoturbidimetry	S026
Low Density Lipoprotein Cholesterol Reagent	LDL-C	Enzymatic method	S017
Lipoprotein(a) Reagent	Lp (a)	latex-enhanced immunoturbidimetry	S024
Lipase Reagent	LPS	Enzymatic method	S010
Homocysteine Reagent	HCY	Enzymatic method	S005
High-sensitivity Creactive Protein Reagent	hs-CRP	latex-enhanced immunoturbidimetry	S021
High Density Lipoprotein Cholesterol Reagent	HDL-C	Enzymatic method	S016
Glycolic Acid Reagent	CG	latex-enhanced immunoturbidimetry	S030
Glycated Hemoglobin Reagent	HbA1C	latex-enhanced immunoturbidimetry	S032
Free Fatty Acid Reagent	NEFA	Enzymatic method	S003
Fibrin (Ogen) Degradation Product Reagent	FDP	latex-enhanced immunoturbidimetry	S035
Ferritin Reagent	Fer	latex-enhanced immunoturbidimetry	S033
D-dimer Reagent	D-dimer	latex-enhanced immunoturbidimetry	S036
Cystatin C Reagent (with blood and urine test)	Cys-C	latex-enhanced immunoturbidimetry	S022
Creatinine Reagent	CREA	Enzymatic method	S008
C-reactive Protein Reagent	CRP	latex-enhanced immunoturbidimetry	S020
Complement C1q Reagent	C1q	latex-enhanced immunoturbidimetry	S034
Carbon Dioxide Reagent	CO2	Enzymatic method	S004
Aspartate Aminotransferase Mitochondrial Isoenzyme Reagent	m-AST	Enzymatic method	S006
Apolipoprotein E Reagent	APOE	Immunturbidimetry	S015
Apolipoprotein B Reagent	APOB	Immunturbidimetry	S012
Apolipoprotein A1 Reagent	APOA1	Immunturbidimetry	S011
Anti-Streptococcus O Reagent	ASO	latex-enhanced immunoturbidimetry	S019
Adiponectin Reagent	ADN	latex-enhanced immunoturbidimetry	S029
Adenosine Deaminase Reagent	ADA	Enzymatic method	S001
5'-nucleotidase Reagent	5'-NT	Enzymatic method	S002

# CALIBRATORS & CONTROLS

## Natural Antigen

Product Name	Cat.#	Host	Application	Unit
CRP	HA012AN	Native	Immunogen\Calibration Controls	mg
D-Dimer	HA091AN-2	Native	Calibration Controls	mg
HbA1c	HA004DN-1	Native	Calibration Controls	ml
	HA004DN-2	Native	Calibration Controls	ml
FN	HA042BN	Native	Calibration Controls	ml
AAT	HA030EN	Native	Calibration Controls	ml
AAG	HA031EN	Native	Calibration Controls	ml
MP	HA183BN	Native	Capture/Detective	ml
MP	HA183AC	Native	Calibration Controls	ml
HP	HA025GF	HP	Capture/Detective	mg
HP	HA025DC	HP	Calibration Controls	ml
RF	HA129EN-1	RF	LETIA, Capture	mg
RF	HA129EN-2	RF	POCT/CLIA, Capture	mg
IgE	HA110AN	Native	Immunogen\Calibration Controls	KIU
dsDNA	HA233N	Native	Immunogen\Calibration Controls	mg
MPO	HA039AN	Native	Immunogen\Calibration Controls	KIU
CA12-5	HA103B	Native	Immunogen\Calibration Controls	KIU
CA19-9	HA104CN	Native	Immunogen\Calibration Controls	KIU
CA15-3	HA105CN	Native	Immunogen\Calibration Controls	KIU
CA50	HA106AN	Native	Immunogen\Calibration Controls	KIU
CA24-2	HA108BN	Native	Immunogen\Calibration Controls	KIU
CA72-4	HA107AN	Native	Immunogen\Calibration Controls	KIU
CYFRA21-1	HA102BN	Native	Immunogen\Calibration Controls	mg

## Artificial Antigen

Product Name	Cat.#	Host	Application	Unit
PIIINP	HA027AE	E.coli	Calibration Controls	mg
CG	HA011B	Syn thesis	CG-BSA	mg
Lp (a)	HA063BE	E.coli	Calibration Controls	mg
BNP Ag	HA037A	Syn thesis	Calibration Controls	mg
Fer	HA092CE	E.coli	Calibration Controls	mg
ACTH	HA141A	Syn thesis	Calibration Controls	mg
ACTH	HA142A1	Syn thesis	Calibration Controls	mg
T3-BSA	HA150A	Syn thesis	Detective	mg
T4-BSA	HA151A	Syn thesis	Detective	mg
T-BSA	HA115A	Syn thesis	Detective	mg
P-BSA	HA114D	Syn thesis	Detective	mg
E2-BSA	HA177B	Syn thesis	Detective	mg
PGI	HA023AY-2	Yeast	Calibration Controls	mg
PGII	HA024AY	Yeast	Calibration Controls	mg
G-17	HA013D	Syn thesis	Calibration Controls	mg
CCP-Biotin	HA074EB	Syn thesis	CLIA,Capture	mg



# Biospecimens (Disease Positive Samples)

Sr No.	Disease	Sample type	Volume/Sample	Comments
1	HIV-1, (ELISA )	Serum	1 mL	Available
2	HbsAg (ELISA )	Serum	1 mL	Available
3	HCV (ELISA )	Serum	1 mL	Available
4	HIV 1 (RT PCR )with High viral copy	Serum	1 mL	with High viral copy
5	HbsAg (RT PCR ) with High viral copy	Serum	1 mL	with High viral copy
6	HCV (RT PCR ) with High viral copy	Serum	1 mL	with High viral copy
7	VDRL (Rapid )	Serum	1 mL	Available
8	dengue NSI	Serum	1 mL	Available
9	dengue IGM	Serum	1 mL	Available
10	dengue IGG	Serum	1 mL	Available
11	Malaria (PV)	EDTA Blood	1 mL	Available
12	Malaria (PF)	EDTA Blood	1 mL	Available
13	HAV IgG	Serum	1 mL	Available
14	HAV IgM	Serum	1 mL	Available
15	Dengue (RTPCR)	Serum	1 mL	Available
17	Leptospirosis IgM	Serum	1 mL	Available
19	Scrub Typhus IgM	Serum	1 mL	Available
20	Chikungunya IgG	Serum\blood	1 mL	Available
21	Chikungunya IgM	Serum\blood	1 mL	Available
22	Typhi IgG	Serum\blood	1 mL	Available
23	Typhi IgM	Serum\blood	1 mL	Available
24	RSV (RT PCR )	(VTM)	1 mL	Available
25	Influenza A (RT PCR)	(VTM)	1 mL	Available
26	Influenza B (RT PCR)	(VTM)	1 mL	Available
27	Covid 19 (RT PCR )	(VTM)	1 mL	Available
28	Adenovirus (RT PCR )	(VTM)	1 mL	Available
29	Troponin I	Serum	1 mL	Available
30	Troponin T	Serum	1 mL	Available
31	H. Pylori IgG	Serum	1 mL	Available
32	H. Pylori IgM	Serum	1 mL	Available
33	NT-pro BNP	Serum	1 mL	Available
38	PCT (Procalcitonin)	Serum	1 mL	Available
34	TOXO PLASMA IgG	Serum	1 mL	Available
35	TOXO PLASMA IgM	Serum	1 mL	Available
36	PSA ANTIGEN	Serum	1 mL	Available
37	Serum IgE	Serum	1 mL	Available
39	FSH	Serum	1 mL	Available
40	HLA B27	Serum	1 mL	Available
41	Riketsia	Serum	1 mL	Available
42	JACK 2	Blood/Serum/Plasma	1 mL	Available
43	BCR ABL1	Blood/Extracted Material	1 mL	Available
44	PIK3CA	Blood/Extracted Material	1 mL	Available
45	BRAF	Blood/Extracted Material	1 mL	Available
46	KRAS	Blood/Extracted Material	1 mL	Available
47	CALR	Blood/Extracted Material	1 mL	Available

Sr No.	Disease	Sample type	Volume/Sample	Comments
48	Sickle cell	Blood/Serum/Plasma	1 mL	Available
49	DMD.(Duchenne muscular destrophy	Blood/Serum/Plasma	1 mL	Available
50	Thalassemia	Blood/Serum/Plasma	1 mL	Available
51	Rheumatoid Factor (RF)	Blood/Serum/Plasma	1 mL	Available
52	Systemic Lupus Erythematosus (SLE)	Blood/Serum/Plasma	1 mL	Available
53	Anti-CCP.(Cyclic Citrullinated Peptide)	Blood/Serum/Plasma	1 mL	Available
54	Anti-Nuclear Antibodies (ANA)	Blood/Serum/Plasma	1 mL	Available
55	M. tuberculosis IgG	Blood/Serum/Plasma	1 mL	Available
56	Metapneumovirus (MPV) IgG/ IgM	Blood/Serum/Plasma	1 mL	Available
57	Rhinovirus IgG	Blood/Serum/Plasma	1 mL	Available
58	Rubella IgG/ IgM	Blood/Serum/Plasma	1 mL	Available
59	Syphilis IgM	Blood/Serum/Plasma	1 mL	Available
60	Varicella Zoster Virus (VZV) IgG/ IgM	Blood/Serum/Plasma	1 mL	Available
61	Alpha Feto Protein	Blood/Serum/Plasma	1 mL	Available
62	High Density Lipoprotein	Blood/Serum/Plasma	1 mL	Available
63	Low Density Lipoprotein	Blood/Serum/Plasma	1 mL	Available
64	Respiratory Virus Negative	Swabs, Saliva	1 mL	Available
65	CRP	Blood/Serum/Plasma	1 mL	Available
66	Leishmania IgG/IgM	Blood/Serum/Plasma	1 mL	Available
67	LH Ovulation Test	Blood/Serum/Plasma	1 mL	Available
68	THS	Serum	1 mL	Available
69	T3	Serum	1 mL	Available
70	T4	Serum	1 mL	Available
71	ASO	Serum	1 mL	Available
72	RF (high)	Serum	1 mL	Available
73	B HCG	Serum	1 mL	Available
74	CEA level	Serum/Plasma	1 mL	Available
75	CA-15-3	Serum/Plasma	1 mL	Available
76	CA125	Serum/Plasma	1 mL	Available
77	B2M (Beta 2-microglobulin)	Serum/Plasma	1 mL	Available
78	Urea	Serum/Plasma	1 mL	Available
79	Creatinin	Serum/Plasma	1 mL	Available
80	Uric Acid	Serum/Plasma	1 mL	Available
81	SGPT	Serum/Plasma	1 mL	Available
82	SGOT	Serum/Plasma	1 mL	Available
83	HBa1C	Serum/Plasma	1 mL	Available
84	Cortisol	Serum/Plasma	1 mL	Available
Sr No.	Disease	Sample type	Volume/Sample	Comments
1	HIV 1, (ELISA )	Serum	5 ML	Available
2	HbsAg (ELISA )	Serum	5 ML	Available
3	HCV (ELISA )	Serum	5 ML	Available
4	HIV 1 (Rapid )	Serum	5 ML	Available
5	HbsAg (Rapid )	Serum	5 ML	Available
6	HCV (Rapid )	Serum	5 ML	Available
7	TSH	Serum	5 ML	Available
8	T3	Serum	5 ML	Available
9	T4	Serum	5 ML	Available
10	ASO	Serum	5 ML	Available
11	CRP with dengue	Serum	5 ML	Available
12	RF (high)	Serum	5 ML	Available
13	dengue Ns1	Serum	5 ML	Available



Sr No.	Disease	Sample type	Volume/Sample	Comments
14	dengue IGM	Serum	5 ML	Available
15	Malaria (PV)	EDTA Blood	5 ML	Available
16	Malaria (PF)	EDTA Blood	5 ML	Available

Sr No.	Disease	Sample type	Volume/Sample	Comments
1	HIV 1.(Rapid )	Serum	1 mL	Available
2	HbsAg (Rapid )	Serum	1 mL	Available
3	HCV (Rapid )	Serum	1 mL	Available
4	dengue NSI	Serum	1 mL	Available
5	HAV IgM	Serum	1 mL	Available
6	Leptospirosis IgG	Serum	1 mL	Available
7	Leptospirosis IgM	Serum	1 mL	Available
8	Scrub Typhus IgG	Serum	1 mL	Available
9	Scrub Typhus IgM	Serum	1 mL	Available
10	Chikungunya IgG	Serum	1 mL	Available
11	Chikungunya IgM	Serum	1 mL	Available
12	Typhi IgG	Serum	1 mL	Available
13	Typhi IgM	Serum	1 mL	Available
14	Influenza A (RT PCR)	(VTM)	1 mL	Available
15	Influenza B (RT PCR)	(VTM)	1 mL	Available
16	H. Pylori IgG	Serum	1 mL	Available
17	H. Pylori IgM	Serum	1 mL	Available
18	FSH	Serum	1 mL	Available
19	LH Ovulation Test	Blood/Serum/Plasma	1 mL	Available
20	THS	Serum	1 mL	Available

Sr No.	Disease	Sample type	Volume/Sample	Comments
1	HIV 1, (ELISA )	Serum	1 mL	Available
2	HbsAg (ELISA )	Serum	1 mL	Available
3	HCV (ELISA )	Serum	1 mL	Available
4	HIV 1 (Rapid )	Serum	1 mL	Available
5	HbsAg (Rapid )	Serum	1 mL	Available
6	HCV (Rapid )	Serum	1 mL	Available
7	dengue NSI	Serum	1 mL	Available
8	dengue IGM	Serum	1 mL	Available
9	dengue IGG	Serum	1 mL	Available
10	Malaria (PV)	EDTA Blood	1 mL	Available
11	Malaria (PF)	EDTA Blood	1 mL	Available
	Nagetive serum			
12	VDRL (Rapid )	Serum	1 mL	Available
13	HAV IgG	Serum	1 mL	Available
14	HAV IgM	Serum	1 mL	Available
14	Dengue (RTPCR)	Serum	1 mL	Available
15	Dengue IgG	Serum	1 mL	Available
16	Dengue IgM	Serum	1 mL	Available
17	Dengue NSI	Serum	1 mL	Available
18	Malaria (PV)	EDTA Blood/plasma	1 mL	Available
19	Malaria (PF)	EDTA Blood	1 mL	Available
20	Leptospirosis IgG	Serum	1 mL	Available
21	Leptospirosis IgM	Serum	1 mL	Available
22	Scrub Typhus IgG	Serum	1 mL	Available
23	Scrub Typhus IgM	Serum	1 mL	Available
24	Chikungunya IgG	Serum	1 mL	Available

Sr No.	Disease	Sample type	Volume/Sample	Comments
25	Chikungunya IgM	Serum	1 mL	Available
26	Typhi IgG	Serum	1 mL	Available
27	Typhi IgM	Serum	1 mL	Available
28	RSV (RT PCR )	(VTM)	1 mL	Available
29	Influenza A (RT PCR)	(VTM)	1 mL	Available
30	Influenza B (RT PCR)	(VTM)	1 mL	Available
31	Covid 19 (RT PCR )	(VTM)	1 mL	Available
32	Adenovirus (RT PCR )	(VTM)	1 mL	Available
33	Troponin I	Serum	1 mL	Available
34	Troponin T	Serum	1 mL	Available
35	H. Pylori IgG	Serum	1 mL	Available
36	H. Pylori IgM	Serum	1 mL	Available
37	NT-pro BNP	Serum	1 mL	Available
38	TOXO PLASMA IgG	Serum	1 mL	Available
39	TOXO PLASMA IgM	Serum	1 mL	Available
40	PSA ANTIGEN	Serum	1 mL	Available
41	Serum IgE	Serum	1 mL	Available
42	PCT (Procalcitonin)	Serum	1 mL	Available
43	FSH	Serum	1 mL	Available
44	HLA B27	Serum	1 mL	Available
45	Riketsia	Serum	1 mL	Available
46	JACK 2	Blood/Serum/Plasma	1 mL	Available
47	BCR ABL1	Blood/Extracted Material	1 mL	Available
48	PIK3CA	Blood/Extracted Material	1 mL	Available
49	BRAF	Blood/Extracted Material	1 mL	Available
50	KRAS	Blood/Extracted Material	1 mL	Available
51	CALR	Blood/Extracted Material	1 mL	Available
52	Sickle cell	Blood/Serum/Plasma	1 mL	Available
53	DMD (Duchenne muscular destrophy)	Blood/Serum/Plasma	1 mL	Available
54	Thalassemia	Blood/Serum/Plasma	1 mL	Available
55	Rheumatoid Factor (RF)	Blood/Serum/Plasma	1 mL	Available
56	Systemic Lupus Erythematosus (SLE)	Blood/Serum/Plasma	1 mL	Available
57	Anti-CCP (Cyclic Citrullinated Peptide)	Blood/Serum/Plasma	1 mL	Available
58	Anti-Nuclear Antibodies (ANA)	Blood/Serum/Plasma	1 mL	Available
59	M. tuberculosis IgG	Blood/Serum/Plasma	1 mL	Available
60	Metapneumovirus (MPV) IgG/ IgM	Blood/Serum/Plasma	1 mL	Available
61	Rhinovirus IgG	Blood/Serum/Plasma	1 mL	Available
62	Rubella IgG/ IgM	Blood/Serum/Plasma	1 mL	Available
63	Syphilis IgM	Blood/Serum/Plasma	1 mL	Available
64	Varicella Zoster Virus (VCV) IgG/ IgM	Blood/Serum/Plasma	1 mL	Available
65	Alpha Feto Protein	Blood/Serum/Plasma	1 mL	Available
66	High Density Lipoprotein	Blood/Serum/Plasma	1 mL	Available
67	Low Density Lipoprotein	Blood/Serum/Plasma	1 mL	Available
68	Respiratory Virus Negative	Swabs, Saliva	1 mL	Available
69	CRP	Blood/Serum/Plasma	1 mL	Available
70	Leishmania IgG/IgM	Blood/Serum/Plasma	1 mL	Available
71	LH Ovulation Test	Blood/Serum/Plasma	1 mL	Available
72	THS	Serum	1 mL	Available
73	T3	Serum	1 mL	Available
74	T4	Serum	1 mL	Available
75	ASO	Serum	1 mL	Available

76	RF (high)	Serum	1 mL	Available
77	B.HCG	Serum	1 mL	Available
Sr No.	Disease	Sample type	Volume/Sample	Comments
1	HIV1, (ELISA )	Serum	1 mL	Available
2	HbsAg (ELISA )	Serum	1 mL	Available
3	HCV (ELISA )	Serum	1 mL	Available
4	HIV 1.(Rapid )	Serum	1 mL	Available
5	HbsAg (Rapid )	Serum	1 mL	Available
6	HCV (Rapid )	Serum	1 mL	Available
13	dengue NSI	Serum	1 mL	Available
14	dengue IGM	Serum	1 mL	Available
15	Malaria (PV)	EDTA Blood	1 mL	Available
16	Malaria (PF)	EDTA Blood	1 mL	Available
17	VDRL (Rapid )	Serum	1 mL	Available
18	HAV IgG	Serum	1 mL	Available
19	HAV IgM	Serum	1 mL	Available
20	Dengue (RTPCR)	Serum	1 mL	Available
21	Dengue IgG	Serum	1 mL	Available
22	Dengue IgM	Serum	1 mL	Available
23	Dengue NSI	Serum	1 mL	Available
24	Malaria (PV)	EDTA Blood/plasma	1 mL	Available
25	Malaria (PF)	EDTA Blood	1 mL	Available
26	Leptospirosis IgG	Serum	1 mL	Available
27	Leptospirosis IgM	Serum	1 mL	Available
28	Scrub Typhus IgG	Serum	1 mL	Available
29	Scrub Typhus IgM	Serum	1 mL	Available
30	Chikungunya IgG	Serum	1 mL	Available
31	Chikungunya IgM	Serum	1 mL	Available
32	Typhi IgG	Serum	1 mL	Available
33	Typhi IgM	Serum	1 mL	Available
34	RSV (RT PCR )	(VTM)	1 mL	Available
35	Influenza A (RT PCR)	(VTM)	1 mL	Available
36	Influenza B (RT PCR)	(VTM)	1 mL	Available
37	Covid 19 (RT PCR )	(VTM)	1 mL	Available
38	Adenovirus (RT PCR )	(VTM)	1 mL	Available
39	Troponin I	Serum	1 mL	Available
40	Troponin T	Serum	1 mL	Available
41	H. Pylori IgG	Serum	1 mL	Available
42	H. Pylori IgM	Serum	1 mL	Available
43	NT-pro BNP	Serum	1 mL	Available
44	TOXO PLASMA IgG	Serum	1 mL	Available
45	TOXO PLASMA IgM	Serum	1 mL	Available
46	PSA ANTIGEN	Serum	1 mL	Available
47	Serum IgE	Serum	1 mL	Available
48	PCT (Procalcitonin)	Serum	1 mL	Available
49	FSH	Serum	1 mL	Available
50	HLA B27	Serum	1 mL	Available
51	Riketsia	Serum	1 mL	Available
52	JACK 2	Blood/Serum/Plasma	1 mL	Available
53	BCR ABL1	Blood/Extracted Material	1 mL	Available
54	PIK3CA	Blood/Extracted Material	1 mL	Available
55	BRAF	Blood/Extracted Material	1 mL	Available

Sr No.	Disease	Sample type	Volume/Sample	Comments
56	KRAS	Blood/Extracted Material	1 mL	Available
57	CALR	Blood/Extracted Material	1 mL	Available
58	Sickle cell	Blood/Serum/Plasma	1 mL	Available
59	DMD.(Duchenne muscular dystrophy)	Blood/Serum/Plasma	1 mL	Available
60	Thalassemia	Blood/Serum/Plasma	1 mL	Available
61	Rheumatoid Factor (RF)	Blood/Serum/Plasma	1 mL	Available
62	Systemic Lupus Erythematosus (SLE)	Blood/Serum/Plasma	1 mL	Available
63	Anti-CCP (Cyclic Citrullinated Peptide)	Blood/Serum/Plasma	1 mL	Available
64	Anti-Nuclear Antibodies (ANA)	Blood/Serum/Plasma	1 mL	Available
65	M. tuberculosis IgG	Blood/Serum/Plasma	1 mL	Available
66	Metapneumovirus (MPV) IgG/ IgM	Blood/Serum/Plasma	1 mL	Available
67	Rhinovirus IgG	Blood/Serum/Plasma	1 mL	Available
68	Rubella IgG/ IgM	Blood/Serum/Plasma	1 mL	Available
69	Syphilis IgM	Blood/Serum/Plasma	1 mL	Available
70	Varicella Zoster Virus (VCV) IgG/ IgM	Blood/Serum/Plasma	1 mL	Available
71	Alpha Feto Protein	Blood/Serum/Plasma	1 mL	Available
72	High Density Lipoprotein	Blood/Serum/Plasma	1 mL	Available
73	Low Density Lipoprotein	Blood/Serum/Plasma	1 mL	Available
74	Respiratory Virus Negative	Swabs, Saliva	1 mL	Available
75	CRP	Blood/Serum/Plasma	1 mL	Available
76	Leishmania IgG/IgM	Blood/Serum/Plasma	1 mL	Available
77	LH Ovulation Test	Blood/Serum/Plasma	1 mL	Available
78	THS	Serum	1 mL	Available
79	T3	Serum	1 mL	Available
80	T4	Serum	1 mL	Available
81	ASO	Serum	1 mL	Available
82	RF (high)	Serum	1 mL	Available
83	B HCG	Serum	1 mL	Available
Sr No.	Disease	Sample type	Volume/Sample	Comments
1	HIV 1, (ELISA )	Serum	1 mL	Available
2	HbsAg (ELISA )	Serum	1 mL	Available
3	HCV (ELISA )	Serum	1 mL	Available
4	HIV 1 (Rapid )	Serum	1 mL	Available
5	HbsAg (Rapid )	Serum	1 mL	Available
6	HCV (Rapid )	Serum	1 mL	Available
7	VDRL (Rapid )	Serum	1 mL	Available
8	dengue NS1	Serum	1 mL	Available
9	dengue IGM	Serum	1 mL	Available
10	dengue IGG	Serum	1 mL	Available
11	Malaria (PV)	EDTA Blood	1 mL	Available
12	Malaria (PF)	EDTA Blood	1 mL	Available
13	HAV IgG	Serum	1 mL	Available
14	HAV IgM	Serum	1 mL	Available
15	Dengue (RTPCR)	Serum	1 mL	Available
16	Leptospirosis IgG	Serum	1 mL	Available
17	Leptospirosis IgM	Serum	1 mL	Available
18	Scrub Typhus IgG	Serum	1 mL	Available
19	Scrub Typhus IgM	Serum	1 mL	Available
20	Chikungunya IgG	Serum	1 mL	Available
21	Chikungunya IgM	Serum	1 mL	Available
22	Typhi IgG	Serum	1 mL	Available

Sr No.	Disease	Sample type	Volume/Sample	Comments
23	Typhi IgM	Serum	1 mL	Available
24	RSV (RT PCR )	(VTM)	1 mL	Available
25	Influenza A (RT PCR)	(VTM)	1 mL	Available
26	Influenza B (RT PCR)	(VTM)	1 mL	Available
27	Covid 19 (RT PCR )	(VTM)	1 mL	Available
28	Adenovirus (RT PCR )	(VTM)	1 mL	Available
29	Troponin I	Serum	1 mL	Available
30	Troponin T	Serum	1 mL	Available
31	H. Pylori IgG	Serum	1 mL	Available
32	H. Pylori IgM	Serum	1 mL	Available
33	NT-pro BNP	Serum	1 mL	Available
34	TOXO PLASMA IgG	Serum	1 mL	Available
35	TOXO PLASMA IgM	Serum	1 mL	Available
36	PSA ANTIGEN	Serum	1 mL	Available
37	Serum IgE	Serum	1 mL	Available
38	PCT (Procalcitonin)	Serum	1 mL	Available
39	FSH	Serum	1 mL	Available
40	HLA B27	Serum	1 mL	Available
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46	KRAS	Blood/Extracted Material	1 mL	Available
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50	Thalassemia	Blood/Serum/Plasma	1 mL	Available
51	Rheumatoid Factor (RF)	Blood/Serum/Plasma	1 mL	Available
52	Systemic Lupus Erythematosus (SLE)	Blood/Serum/Plasma	1 mL	Available
53	Anti-CCP (Cyclic Citrullinated Peptide)	Blood/Serum/Plasma	1 mL	Available
54	Anti-Nuclear Antibodies (ANA)	Blood/Serum/Plasma	1 mL	Available
55	M. tuberculosis IgG	Blood/Serum/Plasma	1 mL	Available
56	Metapneumovirus (MPV) IgG/ IgM	Blood/Serum/Plasma	1 mL	Available
57	Rhinovirus IgG	Blood/Serum/Plasma	1 mL	Available
58	Rubella IgG/ IgM	Blood/Serum/Plasma	1 mL	Available
59	Syphilis IgM	Blood/Serum/Plasma	1 mL	Available
60	Varicella Zoster Virus (VCV) IgG/ IgM	Blood/Serum/Plasma	1 mL	Available
61	Alpha Feto Protein	Blood/Serum/Plasma	1 mL	Available
62	High Density Lipoprotein	Blood/Serum/Plasma	1 mL	Available
63	Low Density Lipoprotein	Blood/Serum/Plasma	1 mL	Available
64	Respiratory Virus Negative	Swabs, Saliva	1 mL	Available
65	CRP	Blood/Serum/Plasma	1 mL	Available
66	Leishmania IgG/IgM	Blood/Serum/Plasma	1 mL	Available
67	LH Ovulation Test	Blood/Serum/Plasma	1 mL	Available
68	THS	Serum	1 mL	Available
69	T3	Serum	1 mL	Available
70	T4	Serum	1 mL	Available
71	ASO	Serum	1 mL	Available
72	RF (high)	Serum	1 mL	Available
73	B HCG	Serum	1 mL	Available

Product Name	Size	Unit of size	Product Name	Size	Unit of size
DNA-free Taq Polymerase	250	U	Direct PCR Kit		
DNA-free Taq Polymerase (with dNTP Mix)	250	U	Direct PCR [3G]	200	RX
DNA-free Hot-Taq Polymerase	125	U	Direct PCR [3G] [UDG System]	200	RX
DNA-free Hot-Taq Polymerase (with dNTP Mix)	250	U	Direct PCR [3G] (Hot-start)	200	RX
Taq Polymerase [MgCl <sub>2</sub> free]	500	U	Direct PCR [3G] (Hot-start) [UDG System]	200	RX
Taq Polymerase [MgCl <sub>2</sub> free] (with dNTP Mix)	500	U	Direct RT-PCR Kit	200	RX
Taq Polymerase	500	U	Direct RT-PCR Kit [UDG System]	200	RX
Taq Polymerase (with dNTP Mix)	500	U	Isothermal DNA Amplification		
Taq-Plus Polymerase	250	RX	Phi29 DNA Polymerase	500	U
Premium- Taq Polymerase	250	RX	Phi29 DNA Polymerase	2,500	U
Xtender-Taq Polymerase	250	U	Genome Amplifier (WGA)	50	RX
Xtender-Taq Polymerase (with dNTP Mix)	250	U	Genome Amplifier (WGA)	100	RX
HyperSense-Taq Polymerase	250	U	Direct WGA Kit	50	RX
HyperSense-Taq Polymerase (with dNTP Mix)	250	U	Direct WGA Kit	100	RX
Hot-Taq Polymerase (Ver. 2.0) [MgCl <sub>2</sub> free]	250	U	FastLAMP Kit (Ver. 2.0)	100	RX
Hot-Taq Polymerase (Ver. 2.0) [MgCl <sub>2</sub> free] (with dNTP Mix)	250	U	FastLAMP Kit (Ver. 2.0)	500	RX
Hot-Taq Polymerase (Ver. 2.0)	250	U	Fast RT-LAMP Kit (Ver. 2.0)	100	RX
Hot-Taq Polymerase (Ver. 2.0) (with dNTP Mix)	250	U	Fast RT-LAMP Kit (Ver. 2.0)	500	RX
Power-Pfu Polymerase (Ver. 2.0)	250	U	pH-Sensing LAMP	100	Rx
Power-Pfu Polymerase (Ver. 2.0) (with dNTP Mix)	250	U	pH-Sensing LAMP	500	Rx
Speed-Pfu Polymerase	250	U	pH-Sensing RT-LAMP	100	Rx
Speed-Pfu Polymerase (with dNTP Mix)	250	U	pH-Sensing RT-LAMP	500	Rx
Premium-Pfu Polymerase	250	U	FastLAMP Lyo-Dot, 8-strip tube type	96	Test
Bst DNA polymerase, Large Fragment	1600	U	Fast RT-LAMP Lyo-Dot, 8-strip tube type	96	Test
Ready-2X-Go [Taq] (with Dye) (1 ml X 5 tubes)	5	ml	DNA & RNA Preparation		
Ready-2X-Go [Taq] (1 ml X 5 tubes)	5	ml	Viral DNA/RNA Kit V2, Column type	200	Prep
Ready-2X-Go [Hot-Taq] (with Dye) (1 ml X 5 tubes)	5	ml			
Ready-2X-Go [Hot-Taq] (1 ml X 5 tubes)	5	ml	NA-Sample Kit, Sample	5	Prep
Ready-2X-Go [Power-Pfu] (with Dye) (1 ml X 5 tubes)	5	ml	NA-Sample Kit	15	Prep
Ready-2X-Go [Power-Pfu] (1 ml X 5 tubes)	5	ml	NA-Sample Kit	50	Prep
Ready-2X-Go [Premium-Taq] (with Dye) (1 ml x 5 tubes)	5	ml	NA-Sample Kit (50 Preps/kit X 4 box)	200	Prep
Ready-2X-Go [Premium-Taq] (1 ml x 5 tubes)	5	ml	RT & RT-PCR		
Ready-2X-Go [Taq-Plus] (with Dye) (1 ml x 5 tubes)	5	ml	Thermo Reverse Transcriptase	10,000	U
Ready-2X-Go [Taq-Plus] (1 ml X 5 tubes)	5	ml	Thermo Reverse Transcriptase	50,000	U
Ready-2X-Go [Premium-Pfu] (1 ml X 5 tubes)	5	ml	Thermo Reverse Transcriptase (with dNTP Mix)	10,000	U
Ready-2X-MultiPlex (Ver. 2.0) (with Dye) (1.25 ml x 2 tubes)	2.5	ml	Thermo Reverse Transcriptase (with dNTP Mix)	50,000	U
Ready-2X-MultiPlex (Ver. 2.0) (with Dye) (1.25 ml x 10 tubes)	12.5	ml	Easy cDNA Synthesis Kit [All-in-One]	50	RX
Ready-2X-MultiPlex (Ver. 2.0) (1.25 ml x 2 tubes)	2.5	ml	Easy cDNA Synthesis Kit [All-in-One]	100	RX
Ready-2X-MultiPlex (Ver. 2.0) (1.25 ml x 10 tubes)	12.5	ml	One-Step RT-PCR Kit [Hot-Taq]	100	RX
Ready-2X-MultiPlex (Ver. 2.0) [UDG System] (with Dye) (1 ml x 5 tubes)	5	ml	One-Step RT-PCR Kit [Ab+Taq]	100	RX
Ready-2X-MultiPlex (Ver. 2.0) [UDG System] (with Dye) (1 ml x 50 tubes)	50	ml	One-Step RT-PCR Kit [Speed-Pfu]	100	RX
Product Name	Size	Unit of size	Product Name	Size	Unit of size
DNA & RNA Preparation			DNA Size Marker (Ladder)		
Viral DNA/RNA Kit V2, Column type	200	Prep	100bp Plus DNA Ladder	500	µl
NA-Sample Kit	50	Prep	1 kb Plus DNA Ladder	500	µl
NA-Sample Kit (50 Preps/kit X 4 box)	200	Prep	Molecular Biological Enzymes		
RT & RT-PCR			Uracil-DNA Glycosylase (UDG)	1,000	U
Thermo Reverse Transcriptase	10,000	U	Uracil-DNA Glycosylase (UDG)	5,000	U
Thermo Reverse Transcriptase (with dNTP Mix)	10,000	U	Heat labile UDG	200	U
Easy cDNA Synthesis Kit [All-in-One]	50	RX			



Product Name	Size	Unit of size	Product Name	Size	Unit of size
One-Step RT-PCR Kit [Hot-Taq]	100	RX	Heat labile UDG	500	U
One-Step RT-PCR Kit [Ab+Taq]	100	RX	Cod UDG	200	U
One-Step RT-PCR Kit [Speed-Pfu]	100	RX	Cod UDG	500	U
qPCR & qRT-PCR			Molecular Biological Reagents		
qPCR Kit [Green]	200	RX	dATP, 100 mM	1	ml
qPCR Kit [Green]	500	RX	dGTP, 100 mM	1	ml
qPCR Kit [Probe]	200	RX	dCTP, 100 mM	1	ml
qPCR Kit [Probe]	500	RX	dTTP, 100 mM	1	ml
qRT-PCR Kit [Green]	200	RX	dUTP, 100 mM	1	ml
qRT-PCR Kit [Green]	500	RX	dNTP Mix (each 10 mM)	1	ml
qRT-PCR Kit [Probe]	200	RX	dNTP(U) Mix (each 10 mM)	1	ml
qRT-PCR Kit [Probe]	500	RX	dNTP Set, 100 mM	4	ml
Premier qPCR kit [Green, Low Rox]	200	RX	dNTP(U) Set, 100 mM	4	ml
Premier qPCR kit [Green, Low Rox]	500	RX	6x Loading Dye, (1 ml x 5 tubes)	5	ml
Premier qPCR kit [Green, High Rox]	200	RX	Shiny Star Gel Stain	1	ml
Premier qPCR kit [Green, High Rox]	500	RX	Shiny Star Gel Stain	10	ml
1-sec qPCR Kit [Probe] [UDG System] (Ver. 2.0)	200	Rx	MaxBinder Solution	100	ml
1-sec qPCR Kit [Probe] [UDG System] (Ver. 2.0)	500	Rx	5X Tune-Up™ Solution	8	ml
1-Sec qRT-PCR Kit [Probe] (Ver. 2.0)	200	Rx			
1-Sec qRT-PCR Kit [Probe] (Ver. 2.0)	500	Rx			
Super plex qPCR Kit [Probe]	200	Rx			
Super plex qPCR Kit [Probe]	500	Rx			
Direct qPCR Kit [Green]	200	Rx			
Direct qPCR Kit [Probe]	200	Rx			
DirectFast™ qPCR Kit	100	Test			
DirectFast™ qRT-PCR Kit	100	Test			
qPCR Lyo-Dot [Probe], 8-strip tube type	96	Test			
qPCR Lyo-Cake [Probe], 8-strip tube type	96	Test			
qPCR Lyo-Cake [Probe], 8-strip tube type	480	Test			
qRT-PCR Lyo-Dot [Probe], 8-strip tube type	96	Test			

T4 DNA Ligase	ATP-dependent recombinant DNA ligase broadly utilized for ligase-mediated mutation detection methods (OLA, LCR, LDR, LAR, RCA), DNA sequencing (also NGS), molecular cloning, site-directed mutagenesis and nick repair in duplex DNA, RNA or DNA/RNA hybrids. It accepts nicked dsDNA, cohesive ends and fully base-paired (blunt end) substrates for in vitro ligation reactions. It is free of contaminated nucleases and has very reduced amount of host DNA.	500 U (5 U/μl)
		2500 U (5 U/μl)
Tth DNA Ligase	NAD-dependent recombinant ligase from Thermus thermophilus. The ligation will occur only if the oligonucleotides are perfectly paired to the complementary target DNA and have no gaps between them. Therefore a single-base substitution can be detected. High thermostability allows ligation using high-stringency hybridization conditions. High specificity and stringency permits sensitive detection of SNPs. Equivalent of Ampligase® (Epicentre).	250 U (5 U/μl) [3 750 CEU (75 CEU/μl)]
		250 U (5 U/μl) [3 750 CEU (75 CEU/μl)]
phi29 Polymerase	Highly processive recombinant polymerase with exceptional strand displacement activity, which allows for highly efficient isothermal DNA amplification. The enzyme is capable of up to 70 thousands base insertions per binding event. The polymerase also possesses a 3'→5' proofreading exonuclease activity acting preferentially on ssDNA or ssRNA. Extremely high yields of amplified DNA can be obtained even from minute amounts of a template.	1000 U (10 U/μl)
		5000 U (10 U/μl)

Proteinase K MB GRADE	Recombinant Proteinase K from Tritirachium album expressed in Pichia pastoris, ideal for non-specific digesting of proteins in variety of applications. It is free of exonucleases and endonucleases. Fully active up to 56°C and under denaturing conditions (e.g. in the presence of urea and/or SDS). Solubility in water ≥20 mg/ml; Activity ≥ 30 U/mg lyophilizate; Specific activity ≥ 40 U/mg protein; ≥ 800 U/ml liquid; DNA content ≤ 10 pg/mg.	100 mg
		1000 mg
		powder bulk
		1 ml (20 mg / ml)
		5ml (20 mg / ml)
Proteinase K NGS Grade	The purest recombinant Proteinase K from Tritirachium album expressed in Pichia pastoris. Specially designed for non-specific digestion of proteins in diagnostics and NGS-grade applications requiring minimised residual DNA content. It is free of exonucleases and endonucleases. Fully active up to 56°C and under denaturing conditions (e.g. in the presence of urea and/or SDS). Solubility in water ≥50 mg/ml; Activity ≥ 35 U/mg lyophilizate; Specific activity ≥ 45 U/mg protein; DNA content ≤ 0.1 pg/mg.	100mg
		1g
		powder bulk
UDGase	Uracil DNA Glycosylase (UDG) catalyzes the release of uracil from uracil-containing single-stranded or double-stranded DNA, but not from RNA or oligonucleotides. Control of carry-over contamination in PCR. Concentration 1 U/μl.	500 U
		2500 U
RNase H	Recombinant enzyme expressed in E. coli, which hydrolyses specifically the phosphodiester bonds of RNA hybridized to DNA. It is a key enzyme in removing mRNA during second strand cDNA synthesis, removing the poly(A) sequences from mRNA in the presence of oligo(dT), and for oligodeoxyribonucleotide-directed cleavage of RNA.	250 U
		1250 U
RNase A (DNase-free)	>4500 U/mg; >90 U (Kunitz)/mg	50 mg
DNaseMe (dsDNase)	The enzyme displays high specific activity towards double-stranded DNA leaving single-stranded DNA or RNA undamaged in standard conditions. dsDNase is highly active in a broad spectrum of temperatures, buffer conditions and pH. The specific activity is similar to bovine DNase I however, dsDNase is characterized by higher stability in demanding reaction and storage conditions. Concentration: 20 U/ml	5000 U (20U/μl)
		25000 U (20U/μl)
Masterase (HLdsDNase)	The enzyme displays high specific activity solely towards double-stranded DNA leaving single-stranded DNA or RNA undamaged. HL-dsDNase characterizes high specific activity and it is easily inactivated by heat treatment in moderate temperatures. It is intended for applications where the presence of dsDNA influences experiments' results in thermo-sensitive applications and is extremely useful for rapid and safe digestion of genomic DNA containing samples of RNA or proteins. Concentration: 2 U/ml	500 U (2 U/μl)
		2500 U (2 U/μl)
Saltonase (HL-Nuclease)	Very active in demanding conditions, including low temperatures and environment with high salt content. Extremely useful for removing undesired nucleic acids contamination during purification of proteins in laboratory and manufacturing workflows. Irreversible thermal inactivation at low temperature (15 min at 52°C in the presence of 1 mM DTT). Concentration: 20 U/ml	5000 U (20U/μl)
		25000 U (20U/μl)