



RAW MATERIALS PRODUCT LIST

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biokit

RAW MATERIALS

NATURAL ANTIGENS				
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3000-5202	RUBELLA ANTIGEN HIGHLY PURIFIED (Grade A)	1 mg/vial	-70°C	5
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3000-5234	TREPONEMA PALLIDUM ANTIGEN SUSPENSION	1 ml/vial	-20°C	9
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3000-5238	TREPONEMA PALLIDUM SOLUBLE ANTIGEN	1 ml/vial	-20°C	10
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3000-5249	SEMIPURIFIED gG2 PROTEIN OF HSV-2	0.2 ml/vial	-70°C	11
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3000-5260	CMV ANTIGEN	mg/custom size	-70°C	12

RECOMBINANT ANTIGENS				
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3000-5267	RECOMBINANT HEPATITIS B SURFACE ANTIGEN ay subtype	1 mg/vial	2-8°C	14
3000-5270	RECOMBINANT HEPATITIS B SURFACE ANTIGEN ay subtype	mg/custom size	2-8°C	14
3000-5100	RECOMBINANT HEPATITIS B CORE ANTIGEN (rHBcAg)	1 mg/vial	-20°C	15
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3000-5248	RECOMBINANT gG1 PROTEIN OF HSV-1	0.2 ml/vial	-70°C	21
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3000-5258	PURIFIED RECOMBINANT STREPTOLYSIN-O	mg/custom size	-70°C	22
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POLICLONAL ANTIBODIES				
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3000-5505	ANTI-HBsAg (ad+ay) RABBIT IgG	5 mg/vial	-20°C	24
3000-5506	ANTI-HBsAg (ad+ay) RABBIT IgG	mg/custom size	-20°C	24
3000-5501	ANTI-HBsAg (ad+ay) GOAT IgG	5 mg/vial	2-8°C	25
3000-5264	ANTI-HBsAg (ad+ay) GUINEA PIG IgG	5 mg/vial	2-8°C	26
3000-5265	ANTI-HBsAg (ad+ay) GUINEA PIG IgG	mg/custom size	2-8°C	26
3000-5527	ANTI-rHBcAg RABBIT IgG	5 mg/vial	-20°C	27
3000-5528	ANTI-rHBcAg RABBIT IgG	mg/custom size	-20°C	27
3000-5000	ANTI-STREPTOLYSIN O RABBIT IgG	1 ml/vial	-20°C	28
3000-5529	ANTI-TREPONEMA PALLIDUM RABBIT IgG	1 ml/vial	-20°C	29
3000-5525	ANTI-ROTAVIRUS RABBIT IgG	5 mg/vial	-20°C	30
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3000-5530	ANTI-C REACTIVE PROTEIN RABBIT IgG	5 mg/vial	-20°C	31
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3000-5532	ANTI-FERRITIN RABBIT IgG	mg/custom size	-20°C	32
3000-5239	ANTI-TREPONEMA PALLIDUM RABBIT SERUM	ml/custom size	-20°C	33
3000-5096	ANTI-ROTAVIRUS RABBIT SERUM	ml/custom size	-20°C	34
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MONOCLONAL ANTIBODIES				
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HEPATITIS B SURFACE ANTIGEN (HBsAg) ad subtype

SPECIFICATIONS:

Catalogue No.: 3000-5201 (1 mg/vial).
3000-5200 (packaging available upon request).

Selling unit: mg.

Source: Human plasma.

Subtype: ad.

Form: HBsAg in phosphate buffered saline pH 7.4.

Purification: Three ultracentrifugation steps.

Purity: 1- Silver stained SDS-PAGE under reducing conditions reveals two major bands corresponding to p24 and gp27. Bands corresponding to pre-S proteins, dimers, and 69 kDa protein are also detected.

2- 20 nm spherical particles were detected by electron microscopy, as well as rod particles in some lots. Complete virions (Dane particles, 42 nm) were not observed (done initially when the protocol was established).

Protein concentration: 2-3 mg/ml ($A_{280}/3.726$).

Preservative: No preservative added.

Inactivation: Heat inactivated after purification (10 hours at 60°C). Although inactivated handle with appropriate precautions.

HIV 1/2-Ab and HCV-Ab tests: The human plasma units used as starting material have been found non-reactive for HIV 1/2 and HCV antibodies using a FDA approved assay.

Storage: Frozen (-20°C). Avoid repeated freezing and thawing.

HEPATITIS B SURFACE ANTIGEN (HBsAg) ay subtype

SPECIFICATIONS:

Catalogue No.: 3000-5199 (1 mg/vial).
3000-5198 (packaging available upon request).

Selling unit: mg.

Source: Human plasma.

Subtype: ay.

Form: HBsAg in phosphate buffered saline pH 7.4.

Purification: Three ultracentrifugation steps.

Purity: 1- Silver stained SDS-PAGE under reducing conditions reveals two major bands corresponding to p24 and gp27. Bands corresponding to pre-S proteins, dimers, and 69 kDa protein are also detected.

2- 20 nm spherical particles were detected by electron microscopy, as well as rod particles in some lots. Complete virions (Dane particles, 42 nm) were not observed (done initially when the protocol was established).

Protein concentration: 2-3 mg/ml ($A_{280}/3.726$).

Preservative: No preservative added.

Inactivation: Heat inactivated after purification (10 hours at 60°C). Although inactivated handle with appropriate precautions.

HIV 1/2-Ab and HCV-Ab tests: The human plasma units used as starting material have been found non-reactive for HIV 1/2 and HCV antibodies using a FDA approved assay.

Storage: Frozen (-20°C). Avoid repeated freezing and thawing.

RUBELLA ANTIGEN HIGHLY PURIFIED (Grade A)

SPECIFICATIONS:

Catalogue No.: 3000-5202 (1 mg/vial).
3000-5204 (packaging available upon request).

Selling unit: mg.

Source: Tissue culture.
Virus Strain: HPV-77.
Host: Vero cells (african green monkey kidney).

Buffer used: Rubella antigen in approx. 20% sucrose / 0.02% SDS / NTE buffer.

Purification: Purified by ultracentrifugation.

Purity: > 90%. The three major bands standard for Rubella antigen are detected by SDS-PAGE.

Protein concentration: 0.5-1.5 mg/ml (modified Warburg-Christian method).

Specific antigenic activity: > 1000 EU/mg (measured by an "in house" capture ELISA).

Preservative: No preservative added.

Inactivation: Inactivated by detergent treatment (0.02% SDS). Although inactivated handle with appropriate precautions.

Storage: Frozen (-70°C). Avoid repeated freezing and thawing.

RUBELLA ANTIGEN HIGHLY PURIFIED (Grade B)

SPECIFICATIONS:

Catalogue No.: 3000-5203 (1 mg/vial).
3000-5205 (packaging available upon request).

Selling unit: mg.

Source: Tissue culture.
Virus Strain: HPV-77.
Host: Vero cells (african green monkey kidney).

Buffer used: Rubella antigen in approx. 40% sucrose / 0.02% SDS / NTE buffer.

Purification: Purified by ultracentrifugation.

Purity: > 90%. The three major bands standard for Rubella antigen are detected by SDS-PAGE.

Protein concentration: 0.1-0.5 mg/ml (modified Warburg-Christian method).

Specific antigenic activity: > 600 EU/mg (measured by an "in house" capture ELISA).

Preservative: No preservative added.

Inactivation: Inactivated by detergent treatment (0.02% SDS). Although inactivated handle with appropriate precautions.

Storage: Frozen (-70°C). Avoid repeated freezing and thawing.

TOXOPLASMA GONDII SOLUBLE ANTIGEN

SPECIFICATIONS:

Catalogue No.: 3000-5206 (1 ml/vial).
3000-5207 (packaging available upon request).

Selling unit: ml.

Source: Intraperitoneal exudates from infected mice.

Strain: RH.

Form: Ultrasonically disrupted *Toxoplasma gondii* suspension in distilled water. The purity of the original material is higher than 100 toxoplasmas per cell.

Protein concentration: 4-8 mg/ml (Biuret method).

Preservative: 0.1% sodium azide.

Storage: Frozen (-20°C). Avoid repeated freezing and thawing.

Handling: Sonication is recommended prior to use.

TOXOPLASMA GONDII SOLUBLE ANTIGEN (TREATED)

SPECIFICATIONS:

Catalogue No.: 3000-5256 (1 ml/vial).
3000-5252 (packaging available upon request).

Selling unit: ml.

Source: Intraperitoneal exudates from infected mice.

Strain: RH.

Form: Detergent treated *Toxoplasma gondii* suspension in glycine buffered saline pH 9.0. The purity of the original material is higher than 100 toxoplasmas per cell.

Protein concentration: 2-8 mg/ml (Biuret method).

Preservative: 0.1% sodium azide.

Storage: Frozen (-20°C). Avoid repeated freezing and thawing.

TREPONEMA PALLIDUM ANTIGEN SUSPENSION

SPECIFICATIONS:

Catalogue No.: 3000-5234 (1 ml/vial).
3000-5235 (packaging available upon request).

Selling unit: ml.

Source: Testicular culture in rabbit.

Strain: Nichols.

Form: *Treponema pallidum* antigen suspension in phosphate buffered saline pH 7.2.

Purification: Differential centrifugation.

Concentration: 2-4 x 10⁹ Tp/ml.

Preservative: 0.1% sodium azide.

Storage: Frozen (-20°C). Avoid repeated freezing and thawing.

TREPONEMA PALLIDUM SOLUBLE ANTIGEN

SPECIFICATIONS:

Catalogue No.: 3000-5238 (1 ml/vial).
3000-5255 (packaging available upon request).

Selling unit: ml.

Source: Testicular culture in rabbit.

Strain: Nichols.

Form: Ultrasonically disrupted *Treponema pallidum* suspension in phosphate buffered saline pH 7.2.

Purification: Differential centrifugation.

Protein concentration: 2-4 mg/ml (Lowry method).

Preservative: 0.1% sodium azide.

Storage: Frozen (-20°C). Avoid repeated freezing and thawing.

Handling: Sonication is recommended prior to use.

SEMIPURIFIED gG2 PROTEIN OF HSV-2

SPECIFICATIONS:

Catalogue No.: 3000-5249 (0.2 ml/vial).
3000-5241 (packaging available upon request).

Selling unit: ml.

Source: Vero cells infected with HSV-2 (Lovelace strain).

Buffer used: Tris-HCl buffered saline pH 8.0.

Purification: Affinity chromatography.

Preservative: No preservative added.

Storage: Frozen (-70°C), (-20°C short term). Avoid repeated freezing and thawing.

CMV ANTIGEN

SPECIFICATIONS:

Catalogue No.: 3000-5260 (packaging available upon request).

Selling unit: mg.

Source: Tissue culture.
Virus Strain: AD-169.
Host: Human foreskin cells.

Form: CMV antigens from all virus cycle replication in NTE buffer pH 8.0. Contains residual host cellular material.

Protein concentration: 0.4-0.7 mg/ml (modified Warburg-Christian method).

Preservative: No preservative added.

Inactivation: Detergent inactivated (0.015% SDS). Although inactivated handle with appropriate precautions.

Infectivity assay: After 15 days of incubation on a monolayer of Human foreskin cells, no cytopathic effect (CPE) must be observed.

Storage: Frozen (-70°C). Avoid repeated freezing and thawing.

Handling: Sonication is recommended prior to use.

RECOMBINANT HEPATITIS B SURFACE ANTIGEN (rHBsAg) ad subtype

SPECIFICATIONS:

Catalogue No.: 3000-5266 (1 mg/vial).
3000-5269 (packaging available upon request).

Selling unit: mg.

Source: Transformed *Pichia pastoris*.

Subtype: ad.

Form: rHBsAg in Tris-HCl buffer pH 8.0.

Purification: Immunoaffinity chromatography.

Purity: 1- SDS-PAGE under reducing conditions reveals one major band at 24 kDa which corresponds to the monomer. Bands at 44 and 64 kDa are also detected and correspond to monomer multimerization.

2- 20 nm spherical particles were detected by electron microscopy (done initially when the protocol was established).

Protein concentration: 0.8-1.5 mg/ml.

Preservative: No preservative added.

Storage: 2-8°C.

RECOMBINANT HEPATITIS B SURFACE ANTIGEN (rHBsAg) ay subtype

SPECIFICATIONS:

Catalogue No.: 3000-5267 (1 mg/vial).
3000-5270 (packaging available upon request).

Selling unit: mg.

Source: Transformed *Pichia pastoris*.

Subtype: ay.

Form: rHBsAg in Tris-HCl buffer pH 8.0.

Purification: Immunoaffinity chromatography.

Purity: 1- SDS-PAGE under reducing conditions reveals one major band at 24 kDa which corresponds to the monomer. Bands at 44 and 64 kDa are also detected and correspond to monomer multimerization.

2- 20 nm spherical particles were detected by electron microscopy (done initially when the protocol was established).

Protein concentration: 0.8-1.5 mg/ml.

Preservative: No preservative added.

Storage: 2-8°C.

RECOMBINANT HEPATITIS B CORE ANTIGEN (rHBcAg)

SPECIFICATIONS:

Catalogue No.: 3000-5100 (1 mg/vial).
3000-5102 (packaging available upon request).

Selling unit: mg.

Source: Transformed *E. coli*.

Form: rHBcAg in phosphate buffered saline pH 7.4.

Purification: Purified by ultracentrifugation.

- Purity:
- 1- A major high molecular weight peak is obtained by gel filtration through Superose 6. Some minor peaks of low molecular weight can be observed.
 - 2- SDS-PAGE under reducing conditions reveals a main 23 kDa band and several other bands.
 - 3- A major band at about 23 kDa and a minor band at 40 kDa were detected by Western blot using IgG from rabbit immunized with HBcAg from liver of HBV infected chimpanzee (done initially when the protocol was established).
 - 4- Round particles of about 30 nm in diameter were detected using immunoelectron microscopy with human anti-HBc (done initially when the protocol was established).

Protein concentration: 0.2-1.0 mg/ml (Lowry method).

Preservative: No preservative added.

Storage: Frozen (-20°C). Avoid repeated freezing and thawing.

PURIFIED RECOMBINANT RUBELLA E1 ANTIGEN

SPECIFICATIONS:

Catalogue No.: 3000-5261 (1 mg/vial).

Selling unit: mg.

Source: Transformed *E. coli*.

Buffer used: Tris buffered saline pH 8.5.

Purification: Affinity chromatography.

Protein concentration: 1-3 mg/ml ($A_{280} \times 0.57$).

Preservative: No preservative added.

Storage: Frozen (-70°C), (-20°C short term). Avoid repeated freezing and thawing.

PURIFIED RECOMBINANT RUBELLA E2 ANTIGEN

SPECIFICATIONS:

Catalogue No.: 3000-5262 (1 mg/vial).

Selling unit: mg.

Source: Transformed *E. coli*.

Buffer used: Tris buffered saline pH 8.5.

Purification: Affinity chromatography.

Protein concentration: 1-3 mg/ml ($A_{280} \times 0.71$).

Preservative: No preservative added.

Storage: Frozen (-70°C), (-20°C short term). Avoid repeated freezing and thawing.

PURIFIED RECOMBINANT p15 TREPONEMA PALLIDUM

SPECIFICATIONS:

Catalogue No.: 3000-5245 (packaging available upon request).

Selling unit: mg.

Source: Transformed *E. coli*.

Buffer used: Tris-HCl buffered saline pH 8.0.

Purification: Affinity chromatography.

Protein concentration: 2-5 mg/ml (Bradford method).

Preservative: No preservative added.

Storage: Frozen (-70°C), (-20°C short term). Avoid repeated freezing and thawing.

PURIFIED RECOMBINANT p17 TREPONEMA PALLIDUM

SPECIFICATIONS:

Catalogue No.: 3000-5244 (packaging available upon request).

Selling unit: mg.

Source: Transformed *E. coli*.

Buffer used: Tris-HCl buffered saline pH 8.0.

Purification: Affinity chromatography.

Protein concentration: 2-5 mg/ml (Bradford method).

Preservative: No preservative added.

Storage: Frozen (-70°C), (-20°C short term). Avoid repeated freezing and thawing.

PURIFIED RECOMBINANT H-p17 TREPONEMA PALLIDUM

SPECIFICATIONS:

Catalogue No.: 3000-5254 (packaging available upon request).

Selling unit: mg.

Source: Transformed *E. coli*.

Buffer used: 10 mM Tris-HCl pH 8.0, 300 mM NaCl.

Purification: Metal affinity chromatography.

Protein concentration: 2-5 mg/ml ($A_{280} \times 1.38$).

Preservative: No preservative added.

Storage: Frozen (-70°C), (-20°C short term). Avoid repeated freezing and thawing.

RECOMBINANT gG1 PROTEIN OF HSV-1

SPECIFICATIONS:

Catalogue No.: 3000-5248 (0.2 ml/vial).
3000-5240 (packaging available upon request).

Selling unit: ml.

Source: Baculovirus infected Sf9 cells.

Buffer used: Tris-HCl buffered saline pH 8.0.

Purification: Affinity chromatography.

Preservative: No preservative added.

Storage: Frozen (-70°C), (-20°C short term). Avoid repeated freezing and thawing.

PURIFIED RECOMBINANT STREPTOLYSIN-O

SPECIFICATIONS:

Catalogue No.: 3000-5258 (packaging available upon request).

Selling unit: mg.

Source: Transformed *E. coli*.

Buffer used: Tris-HCl buffered saline pH 8.5.

Purification: Metal affinity chromatography.

Protein concentration: 2-4 mg/ml ($A_{280} \times 0.79$).

Total antigenic activity (internal indirect method): > 4000 IU/ml.

Specific antigenic activity: > 1500 IU/mg of protein.

Preservative: No preservative added.

Storage: Frozen (-70°C), (-20°C short term). Avoid repeated freezing and thawing.

PURIFIED AND STABILIZED RECOMBINANT STREPTOLYSIN-O

SPECIFICATIONS:

Catalogue No.: 3000-5259 (packaging available upon request).

Selling unit: mg.

Source: Transformed *E. coli*.

Buffer used: Tris-HCl buffered saline pH 8.2.

Purification: Metal affinity chromatography.

Protein concentration: 1-2 mg/ml (Lowry method)

Total antigenic activity (internal indirect method): > 2500 IU/ml.

Specific antigenic activity: > 1250 IU/mg of protein.

Preservative: < 0.1% sodium azide.

Storage: Frozen (-70°C). Avoid repeated freezing and thawing.

ANTI-HBsAg RABBIT IgG

SPECIFICATIONS:

Catalogue No.: 3000-5505 (5 mg/vial).
3000-5506 (packaging available upon request).

Selling unit: mg.

Source: Serum of rabbits hyperimmunized with highly purified HBsAg (ad + ay).

Purification: Immunoaffinity chromatography.

Purity: Electrophoresis shows only two bands.

Specificity: Reacts with all "a" subtypes.

Protein concentration: 1-4 mg/ml ($A_{280} \times 0.71$).

Preservative: 0.1% sodium azide.

Storage: Frozen (-20°C). Avoid repeat freezing and thawing.

ANTI-HBsAg GOAT IgG

SPECIFICATIONS:

Catalogue No.: 3000-5501 (5 mg/vial).

Selling unit: mg.

Source: Serum of goats hyperimmunized with highly purified HBsAg (ad + ay).

Purification: Immunoaffinity chromatography.

Purity: Immunoelectrophoresis showing only one band.

Specificity: Reacts with all "a" subtypes.

Protein concentration: 1-3 mg/ml ($A_{280} \times 0.71$).

Preservative: No preservative added.

Storage: 2-8°C.

ANTI-HBsAg GUINEA PIG IgG

SPECIFICATIONS:

Catalogue No.: 3000-5264 (5 mg/vial).
3000-5265 (packaging available upon request).

Selling unit: mg.

Source: Serum of guinea pigs hyperimmunized with highly purified HBsAg (ad + ay).

Purification: Immunoaffinity chromatography.

Purify: Electrophoresis under non-reducing conditions shows one major band at approximately 150 kDa.

Specificity: Reacts with all "a" subtypes.

Protein concentration: 0.5-2.0 mg/ml ($A_{280} \times 0.78$).

Preservative: 0.1% sodium azide.

Storage: 2-8°C.

ANTI-rHBcAg RABBIT IgG

SPECIFICATIONS:

Catalogue No.: 3000-5527 (5 mg/vial).
3000-5528 (packaging available upon request).

Selling unit: mg.

Source: Serum of rabbits hyperimmunized with rHBcAg.

Purification: Ammonium sulphate precipitation followed by ion exchange chromatography.

Purity: Immunoelectrophoresis shows only one band.

Protein concentration: 5-15 mg/ml ($A_{280} \times 0.71$).

Preservative: 0.05% chlorotone.

Storage: Frozen (-20°C). Avoid repeat freezing and thawing.

ANTI-STREPTOLYSIN O RABBIT IgG

SPECIFICATIONS:

Catalogue No.: 3000-5000 (1 ml/vial).

Selling unit: ml.

Source: Serum of rabbits hyperimmunized with purified Streptolysin O.

Purification: Ammonium sulphate precipitation.

Titer using a latex reagent of 200 IU/ml of anti-streptolysin O detection: $\geq 1:16$ dilution.

Preservative: 0.1% sodium azide.

Storage: Frozen (-20°C). Avoid repeated freezing and thawing.

ANTI-TREPONEMA PALLIDUM RABBIT IgG

SPECIFICATIONS:

Catalogue No.: 3000-5529 (1 ml/vial).

Selling unit: ml.

Source: Serum of rabbits hyperimmunized with *Treponema pallidum*.

Purification: Ammonium sulphate precipitation.

Titer using RPR antigen: $\geq 1:64$ dilution.

Preservative: 0.1% sodium azide.

Storage: Frozen (-20°C). Avoid repeated freezing and thawing.

ANTI-ROTAVIRUS RABBIT IgG

SPECIFICATIONS:

Catalogue No.: 3000-5525 (5 mg/vial).
3000-5526 (packaging available upon request).

Selling unit: mg.

Source: Serum of rabbits hyperimmunized with purified Rotavirus.

Purification: Ammonium sulphate precipitation followed by ion exchange chromatography.

Purity: Immunoelectrophoresis shows only one band.

Protein concentration: 5-20 mg/ml ($A_{280} \times 0.71$).

Preservative: 0.05% chloretone.

Storage: Frozen (-20°C). Avoid repeat freezing and thawing.

ANTI-C REACTIVE PROTEIN RABBIT IgG

SPECIFICATIONS:

Catalogue No.: 3000-5530 (5 mg/vial).
3000-5531 (packaging available upon request).

Selling unit: mg.

Source: Serum of rabbits hyperimmunized with purified human C-reactive protein.

Purification: Ammonium sulphate precipitation followed by ion exchange chromatography.

Purity: Immunoelectrophoresis shows only one band.

Protein concentration: 5-20 mg/ml ($A_{280} \times 0.71$).

Preservative: 0.05% chlorotone.

Storage: Frozen (-20°C). Avoid repeated freezing and thawing.

ANTI-FERRITIN RABBIT IgG

SPECIFICATIONS:

Catalogue No.: 3000-5532 (packaging available upon request).

Selling unit: mg.

Source: Serum of rabbits hyperimmunized with purified human ferritin.

Purification: Affinity chromatography.

Purity: $\geq 95\%$ by SDS-PAGE.

Protein concentration: 4-12 mg/ml ($A_{280} \times 0.71$).

Preservative: No preservative added.

Storage: Frozen (-20°C). Avoid repeated freezing and thawing.

ANTI-TREPONEMA PALLIDUM RABBIT SERUM

SPECIFICATIONS:

Catalogue No.: 3000-5239 (packaging available upon request).

Selling unit: ml.

Source: Serum of rabbits hyperimmunized with *Treponema pallidum*.

Preservative: 0.1% sodium azide.

Storage: Frozen (-20°C). Avoid repeated freezing and thawing.

ANTI-ROTAVIRUS RABBIT SERUM

SPECIFICATIONS:

Catalogue No.: 3000-5096 (packaging available upon request).

Selling unit: ml.

Source: Serum of rabbits hyperimmunized with purified Rotavirus.

Preservative: 0.1% sodium azide.

Storage: Frozen (-20°C). Avoid repeated freezing and thawing.

ANTI-HBsAg GOAT SERUM

SPECIFICATIONS:

Catalogue No.: 3000-5097 (packaging available upon request).

Selling unit: ml.

Source: Serum of goat hyperimmunized with highly purified HBsAg (ad +ay).

Preservative: 0.1% sodium azide.

Storage: Frozen (-20°C). Avoid repeated freezing and thawing.

ANTI-HBsAg RABBIT SERUM

SPECIFICATIONS:

Catalogue No.: 3000-5098 (packaging available upon request).

Selling unit: ml.

Source: Serum of rabbits hyperimmunized with highly purified HBsAg (ad +ay).

Preservative: 0.1% sodium azide.

Storage: Frozen (-20°C). Avoid repeated freezing and thawing.

MONOCLONAL ANTIBODY ANTI-HEPATITIS B

SPECIFICATIONS:

Catalogue No.: 3000-5012 (packaging available upon request).

Selling unit: mg.

Clone No.: 1DE2.

Immunogen source: Hepatitis B surface antigen purified from human plasma.

Specificity: This antibody specifically recognizes Hepatitis B surface antigen, ad and ay subtypes.

Antibody source: IN VITRO cell culture.

Purification: Affinity chromatography.

Buffer used: Citrate 0.1 M pH 5.0 corrected to pH 7.5.

Purity: $\geq 95\%$ by SDS-PAGE.

Antibody isotype: Mouse IgG1 kappa.

Protein concentration: 2-6 mg/ml ($A_{280} \times 0.71$).

Preservative: No preservative added.

Storage: Frozen (-70°C), (-20°C short term). Avoid repeated freezing and thawing.

MONOCLONAL ANTIBODY (2/6) ANTI-ADENOVIRUS

SPECIFICATIONS:

Catalogue No.: 3000-5113 (packaging available upon request).

Selling unit: mg.

Clone No.: ADV 2/6.

Immunogen source: Adenovirus 3 infected supernatant culture.

Specificity: Reacts with all 41 serotypes of Adenoviruses.

Antibody source: IN VITRO cell culture.

Purification: Affinity chromatography.

Buffer used: Citrate 0.1 M pH 5.0 corrected to pH 7.5.

Purity: $\geq 95\%$ by SDS-PAGE.

Antibody Isotype: Mouse IgG1 kappa.

Protein concentration: 1-4 mg/ml ($A_{280} \times 0.71$).

Preservative: No preservative added.

Storage: Frozen (-70°C), (-20°C short term). Avoid repeated freezing and thawing.

MONOCLONAL ANTIBODY (20/11) ANTI-ADENOVIRUS

SPECIFICATIONS:

Catalogue No.: 3000-5114 (packaging available upon request).

Selling unit: mg.

Clone No.: ADV 20/11.

Immunogen source: Adenovirus 3 infected supernatant culture.

Specificity: Reacts with all 41 serotypes of Adenoviruses.

Antibody source: IN VITRO cell culture.

Purification: Affinity chromatography.

Buffer used: Citrate 0.1 M pH 5.0 corrected to pH 7.5.

Purity: $\geq 95\%$ by SDS-PAGE.

Antibody Isotype: Mouse IgG1 kappa.

Protein concentration: 1-4 mg/ml ($A_{280} \times 0.71$).

Preservative: No preservative added.

Storage: Frozen (-70°C), (-20°C short term). Avoid repeated freezing and thawing.