

Catalogue - 2005

Immunology Line: Antisera

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Standard Antisera

General:

These antisera have a very high avidity and titre, which makes them ideal even for liquid-phase immunoprecipitation techniques, immunoturbidimetry and immunonephelometry.

Specificity:

This is controlled by immunoelectrophoresis against human serum twice concentrated and enriched with antigens that are normally absent or present at low concentrations in human serum.

Titre: the variation of the titre from one lot to another is below 10%.

Form: liquid.

Stability: more than one year at 2-8 °C.

Applications:

- Qualitative:
 - Immunoprecipitation in gel: immunoelectrophoresis, immunofixation, etc.
 - First antibody in indirect techniques: immunofluorescence, immunoenzymatic, etc.
- Quantitative:
 - Immunoprecipitation in gel: radial immunodiffusion, electroimmunoprecipitation (Laurell), etc.
 - Liquid-phase immunoprecipitation: turbidimetry, nephelometry.

Unless specified otherwise, all the antisera are of goat anti-human proteins.

Albumin	2 ml	REF	A.ALB.STR
Alfa-1 Antitrypsin	2 ml	REF	A.AAT.STR
Alfa-1 Acid Glicoprotein (orosomucoïd)	2 ml	REF	A.AGP.STR
Alfa-2 Macroglobulin	2 ml	REF	A.A2M.STR
Antithrombin III	2 ml	REF	A.AT3.STR
Beta-2 Microglobulin	2 ml	REF	A.B2M.STR
Ceruloplasmin	2 ml	REF	A.CER.STR
Complement C1 (esterase) Inhibitor	2 ml	REF	A.CEI.STR
Complement C1q	2 ml	REF	A.C1Q.STR
Complement C3 (Beta1C/Beta1A/C3c)	2 ml	REF	A.CC3.STR
Complement C4 (Beta1E)	2 ml	REF	A.CC4.STR
Ferritin	2 ml	REF	A.FER.STR
Fibrinogen	2 ml	REF	A.FIB.STR
Fibronectin	2 ml	REF	A.FIN.STR
Haptoglobin	2 ml	REF	A.HPT.STR

Standard Antisera

Immunoglobulins IgA (Alpha Chains)	2 ml	REF A.IGA.STR
Immunoglobulins IgG (Fc Fragment)	2 ml	REF A.IGG.STR
Immunoglobulins IgM (Mu Chains)	2 ml	REF A.IGM.STR
Lipoprotein (a)	2 ml	REF A.LPA.STR
Prealbumin (TBPA, Prealb. Binding Tiroxin)	2 ml	REF A.PAL.STR
Protein C-Reactive	2 ml	REF A.CRP.STR
Transferrin	2 ml	REF A.TRF.STR

Purified IgG Fraction Antisera

General:

The IgG fraction is prepared by chromatographic separation of the IgGs of standard antisera. This procedure removes most of the non-specific proteins from the antiserum and gives a reagent that is made almost exclusively of antibodies.

This determines a minor tendency to aggregation of the antibodies and, consequently, greater stability and, above all, a low unspecific reagent background, which is particularly important in reactions in gel precipitation.

They have a very high avidity and titre, which makes them ideal even for liquid-phase immunoprecipitation techniques, immunoturbidimetry and immunonephelometry.

Specificity:

This is controlled by immunoelectrophoresis against human serum twice concentrated and enriched with antigens that are normally absent or present at low concentrations in human serum.

Titre: the variation of the titre from one lot to another is below 10%.

Form: liquid.

Stability: more than one year at 2-8 °C.

Applications:

- Qualitative:
 - Immunoprecipitation in gel: immunoelectrophoresis, immunofixation, etc.
 - First antibody in indirect techniques: immunofluorescence, immunoenzymatic, etc.
- Quantitative:
 - Immunoprecipitation in gel: radial immunodiffusion, electroimmunoprecipitation (Laurell), etc.
 - Liquid-phase immunoprecipitation: turbidimetry, nephelometry.

Unless specified otherwise, all the antisera are of goat anti-human proteins.

Albumin	2 ml	REF A.ALB.IGG
Alfa-1 Antitrypsin	2 ml	REF A.AAT.IGG
Alfa-1 Acid Glicoprotein (orosomuroid)	2 ml	REF A.AGP.IGG
Alfa-2 Macroglobulin	2 ml	REF A.A2M.IGG
Antithrombin III	2 ml	REF A.AT3.IGG
Beta-2 Microglobulin	2 ml	REF A.B2M.IGG
Ceruloplasmin	2 ml	REF A.CER.IGG
Complement C1 (esterase) Inhibitor	2 ml	REF A.CEI.IGG
Complement C1q	2 ml	REF A.C1Q.IGG
Complement C3 (Beta1C/Beta1A/C3c)	2 ml	REF A.CC3.IGG
Complement C4 (Beta1E)	2 ml	REF A.CC4.IGG
Ferritin	2 ml	REF A.FER.IGG
Fibrinogen	2 ml	REF A.FIB.IGG

Purified IgG Fraction Antisera

Fibronectin	2 ml	REF A.FIN.IGG
<i>rabbit anti</i> Free Kappa Light Chains	2 ml	REF A.FRK.IGG
<i>rabbit anti</i> Free Lambda Light Chains	2 ml	REF A.FRL.IGG
<i>rabbit anti</i> Free Light Chains Kappa and Lambda (mixed)	2 ml	REF A.FKL.IGG
Haptoglobin	2 ml	REF A.HPT.IGG
Immunoglobulins IgA (Alpha Chains)	2 ml	REF A.IGA.IGG
Immunoglobulins IgG (Fc Fragment)	2 ml	REF A.IGG.IGG
Immunoglobulins IgM (Mu Chains)	2 ml	REF A.IGM.IGG
Immunoglobulins Kappa (Kappa Light Chains Bound and Free (B&F))	2 ml	REF A.KAP.IGG
Immunoglobulins Lambda (Lambda Light Chains Bound and Free (B&F))	2 ml	REF A.LAM.IGG
Lipoprotein (a)	2 ml	REF A.LPA.IGG
Prealbumin (TBPA, Prealb. Binding Tiroxin)	2 ml	REF A.PAL.IGG
Protein C-Reactive	2 ml	REF A.CRP.IGG
<i>rabbit anti</i> Retinol Binding Protein	2 ml	REF A.RBP.IGG
Transferrin	2 ml	REF A.TRF.IGG

Fluorescent Conjugated Antisera

General:

Fluorescein Isothiocyanate (FITC), isomer I, is conjugated with the purified IgG fraction of the antisera. The free fluorochrome is removed by gel filtration and the optimum fluorochrome/protein (F/P) ratio is ensured by ionic exchange chromatography.

Specificity:

This is controlled by immunoelectrophoresis against human serum twice concentrated and enriched with antigens that are normally absent or present at low concentrations in human serum.

Titre: the variation of the titre from one lot to another is below 10%.

Form: liquid.

Stability: more than one year at 2-8 °C.

Applications

Immunohistochemistry, flow cytometry, biopsies, quantitative fluorescence.

Unless specified otherwise, all the antisera are of goat anti-human proteins.

Complement C4 (Beta1E)	2 ml	REF A.CC4.FITC
Fibrinogen	2 ml	REF A.FIB.FITC
Immunoglobulins IgA (Alpha Chains)	2 ml	REF A.IGA.FITC
Immunoglobulins IgM (Mu Chains)	2 ml	REF A.IGM.FITC

Immunofixation and Immunelectrophoresis

General:

This chapter groups together certain antisera that are particularly used for immunofixation or immunelectrophoresis.

They are all *purified IgG fraction* antisera.

Unless specified otherwise, all the antisera are of goat anti-human proteins.

Beta-2 Microglobulin	2 ml	REF A.B2M.IGG
Fibrinogen	2 ml	REF A.FIB.IGG
<i>rabbit anti</i> Free Kappa Light Chains	2 ml	REF A.FRK.IGG
<i>rabbit anti</i> Free Lambda Light Chains	2 ml	REF A.FRL.IGG
<i>rabbit anti</i> Free Light Chains Kappa and Lambda (mixed)	2 ml	REF A.FKL.IGG
Immunoglobulins IgA (Alpha Chains)	2 ml	REF A.IGA.IGG
Immunoglobulins IgG (Fc Fragment)	2 ml	REF A.IGG.IGG
Immunoglobulins IgM (Mu Chains)	2 ml	REF A.IGM.IGG
Immunoglobulins Kappa (Kappa Light Chains Bound and Free (B&F))	2 ml	REF A.KAP.IGG
Immunoglobulins Lambda (Lambda Light Chains Bound and Free (B&F))	2 ml	REF A.LAM.IGG
Protein C-Reactive	2 ml	REF A.CRP.IGG
<i>rabbit anti</i> Retinol Binding Protein	2 ml	REF A.RBP.IGG
Transferrin	2 ml	REF A.TRF.IGG