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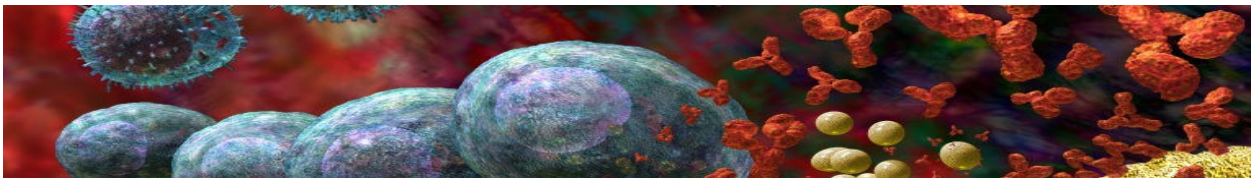

Product Sheet
Bulk Antisera to Human Immunoglobulins

Description: Goat Antiserum to Human IgM (u Chain Specific)

Physical Form: Liquid ***Clonality:*** Polyclonal

Immunogen: Purified Human IgM ***Host:*** Goat

Preservative: 0.09% Sodium Azide ***Sterility:*** 0.2 micron filtered

Specificity: Monospecificity is confirmed by immunoelectrophoresis when tested against pooled human plasma and 2x pooled human serum.

Titer: For each lot of antisera produced by IIC, titer is evaluated by the method of Becker (Immunochemistry, 6:539-546, 1969) using single radial immunodiffusion. Where appropriate, antibody titers are reported as ELISA dilution.

Process: Defibrinated, delipidized, and adsorbed by solid phase chromatography as required.

Storage: For short term storage, + 2°C to + 8°C is recommended. For longer periods of storage, it is recommended that antisera be stored in appropriate aliquots below -20°C. Avoid multiple freeze thaws. Dilution prior to freezing is not recommended.

Associated Applications: Turbidimetric Immunoassay (TIA), TORCH (Toxoplasma Gondii, Rubella Virus, Cytomegalovirus, & Herpes Simplex Virus type 1 and 2) Panel Assay, Gullsorb Assay, Immunofixation Immunoelectrophoresis, Radial Immuno-Diffusion (RID)

Diagnostic Relevance: Increased levels of IgM antibody could indicate Acute/chronic infection, Waldenstrom's Macroglobulinemia, nephritic syndrome, autoimmune disease/sarcoidosis, hepatocellular disease, estrogen/pregnancy, Hyper-IgM dysgammaglobulinemia, and/or congenital infection. Decreased levels of IgM antibody could indicate acquired immunodeficiency, heredity deficiencies, protein losing syndromes, Infancy, and/or Non-IgM myeloma.

Dilutions: Optimal dilutions for this product vary according to the specific applications and should be determined by the end user.

Disclaimer: Optimal applications, diagnostic relevance, performance criteria, and dilutions or concentrations should be determined by the end user before purchase. All IIC products are for further manufacture only and are not designed for use directly as diagnostic or therapeutic reagents. IIC products are not for animal or human consumption. IIC products are made in the USA.

IIC Catalog Numbers:
102G - Standard Bulk Antisera to Human IgM (u Chain Specific)
102G-G – Gamma Fractionated Bulk Antisera to Human IgM (u chain Specific)
102G-AP – Affinity Purified Antibodies to Human IgM (u Chain Specific)

Data sources: IIC representative certificate of analysis and table of Human Blood Plasma Proteins (www.irvingcrowley.com/cls/proteins.htm - 12/28/2005)