

AM31707AF-N**Monoclonal Mouse Ascites Set containing Antibodies to Human IgG, IgA, IgM, IgD and IgE isotype specific**

Alternate names:	Human Immunoglobulin A, Human Immunoglobulin D, Human Immunoglobulin E, Human Immunoglobulin G, Human Immunoglobulin M
Quantity:	5 vials
Concentration:	1.0 mg/ml (after reconstitution)
Host / Isotype:	Mouse / IgG1
Clone:	NI 335 and NI 343, NI 69 and NI 184, NI 179, NI 158, NI 307
Immunogen:	Highly purified monoclonal IgG subclasses isolated from pooled human serum. Remarks: 5 Vials with 0.5 ml lyophilized Ascites each.
Format:	State: Delipidated, heat inactivated, lyophilized stable ascites. Reconstitution: Restore with 0.5 ml sterile distilled water.
Applications:	Can be used to identify the presence of immunoglobulin classes in Human serum, other body fluids, cell and tissue substrates and to determine its concentration in techniques as radioimmunoassay, ELISA, indirect immunoperoxidase and indirect immunofluorescence staining of cytoplasmic IgG, subclasses and immunoblotting. <i>Recommended Working Dilutions:</i> Histochemical Use: 1/100-1/500. ELISA: from 1/1000 Upwards. Western blotting: 1/2000 Upwards. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The reactivity of the antibody is restricted to a isotype specific determinant as tested in indirect binding enzyme immunoassay, immunoblotting, immunoprecipitation and indirect immunoperoxidase staining of cytoplasmic immunoglobulins. Cross-reactivity: The antibodies do not react with any other component of the human immunoglobulin system or any other human plasma protein as tested. These antisera have not been tested for cross-reactivity with other species. Species: Human. Other species not tested.
Add. Information:	This Set contains 5 different Monoclonal Antibodies: <i>Cat.-No</i> AM20258AF-N Human IgG (clone NI 335 and NI 343) <i>Cat.-No</i> AM20259AF-N Human IgM (clone NI 179) <i>Cat.-No</i> AM20249AF-N Human IgA (clone NI 69 (A89-034) and NI 184 (A89-035)) <i>Cat.-No</i> AM20250AF-N Human IgD (clone NI 158) <i>Cat.-No</i> AM20251AF-N Human IgE (clone NI 307)

Storage:

Prior to reconstitution store at 2-8°C.
Following reconstitution store undiluted at 2-8°C for one week
or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

General Readings:

Results of an IUIS/WHO collaborative study, Mestecky J. et al. (1996) J. Immunol.
Methods 193, 103-148