

Product Datasheet

Goat Human IgG IgA IgM (Fc specific), conjugated with Horseradish peroxidase Antibody (orb22015)

Catalog Number	orb22015
Category	Antibodies
Description	<p>Horseradish peroxidase-conjugated IgG fraction of polyclonal goat antiserum to human IgG, IgA and IgM, Fc specific. In enzyme-immunocytochemical and immunohistochemical staining for the detection of cytoplasmic Ig at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates, and to demonstrate circulating antibodies in serodiagnostic microbiology and autoimmune diseases. The absence of activity to the common Ig/Fab subunit prevents the reaction of this conjugate with immunoglobulins binds to Fc receptors on non-lymphoid cells. This immunoconjugate is not pre-diluted. The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal. Working dilutions for histochemical and cytochemical use are usually between 1:100 and 1:500; in ELISA and comparable non-precipitating antibody-binding assays between 1:1,000 and 1:10,000.</p>
Clonality	Polyclonal
Species/Host	Goat
Conjugation	HRP
Reactivity	Human
Form/Appearance	Peroxidase-coupled purified hyperimmune goat IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added, as it may interfere with the antibody activity.
RRID	AB_10931320

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Specificity	Horseradish peroxidase-conjugated IgG fraction of polyclonal Goat antiSerum to Human IgG, IgA and IgM, Fc specific
Antibody Type	Secondary Antibody
Source	Purified polyclonal human IgG, and IgA and IgM containing factions isolated from human serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Storage	The lyophilized conjugate is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°C. Spun down to remove insoluble particles, divided into small aliquots, frozen and stored at or below -20°C. Prior to use, an aliquot is thawed slowly in the dark at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at +4°C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the immunoconjugate.
Note	For research use only
Expiration Date	12 months from date of receipt.

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