Native HORSE IgG whole molecule

Cat. No. IgG-327H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Horse IgG whole molecule was prepared from normal serum by a multi-step process which includes delipidation, salt fractionation and extensive dialysis against the buffer stated above. Horse IgG whole molecule was assayed by immunoelectrophoresis resulted in a single precipitin arc against anti-Horse IgG, and anti-Horse Serum.
Species	Equine
Description	Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the compliment cascade, and opsinization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-afinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both heavy and light chains of the antibody molecule are present.
Form	Liquid (sterile filtered)
Applications	ELISA, WB, IHC
Usage	This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions

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	and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale.
Storage	Store vial at -20°C. For extended storage aliquot contents and freeze at -20°C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Horse IgG whole molecule is stable for several weeks at 4°C as an undiluted liquid. Dilute only prior to immediate use.
Storage Buffer	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative	0.01% (w/v) Sodium Azide
Shipping	Dry Ice

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