Datasheet for ABIN1044753

gamma Globulin Fraction Protein

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Overview

Quantity:	50 mg
Target:	gamma Globulin Fraction
Origin:	Cat
Source:	Cat (Feline)
Protein Type:	Native

Product Details

Purpose:	Cat Gamma Globulin Fraction
Cross-Reactivity (Details):	Assay by immunoelectrophoresis resulted in precipitin arcs against anti-Cat Serum corresponding to gamma globulins.
Characteristics:	Plasma Gamma Globulin, Serum Gamma Globulin, Globulin Fractions, Gammaglobulin, feline Gamma Globulin, Cat γ, Cat Fraction
Purification:	CAT Gamma Globulin Fraction was prepared from normal serum by a multi-step process which includes delipidation salt fractionation followed by extensive dialysis against the buffer stated above.

Target Details

Target:	gamma Globulin Fraction
Background:	Background: Gamma globulins are a class of globulins, identified by their position after serum protein electrophoresis. The most significant gamma globulins are immunoglobulins ("Igs"), more commonly known as antibodies, although some Igs are not gamma globulins, and some gamma globulins are not Igs. Injections are also used to boost immunity in patients unable to

Target Details

	produce gamma globulins naturally because of an immune deficiency, such as X-linked a gamma globulinemia and hyper IgM syndrome. Cat Gamma Globulin Fraction is ideal for investigators involved in serum protein component research.

Application Details

Application Notes:	Optional[Flow Cytometry Dilution]: CAT Gamma Globulin Fraction is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency. Specific conditions should be optimized by user.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Buffer: Restore with deionized water (or equivalent) Reconstitution Volume: 5.0 mL
Concentration:	10.0 mg/mL
Buffer:	Buffer: 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None Preservative: None
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at 4° C prior to restoration. 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. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	12 months