



## Native Goat Gamma Globulin Fraction

### Product Information

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**Catalog**

GGF-038G

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**ProductName**

Native Goat Gamma Globulin Fraction

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**Short Name**

Gamma Globulin Fraction(Goat)

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**similar**

Gamma Globulin Fraction

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**Species**

Goat

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**Product Overview**

Goat Gamma Globulin Fraction

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**Description**

Goat gamma globulin blocking reagent is an ideal blocker for western blotting, ELISA, Immunohistochemistry and other detection assays. 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. Globulin is one of the three main types of serum proteins, the others being albumin and fibrinogen.

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**Form**

0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

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**Purity**

This product was prepared from normal serum by a multi-step process which includes delipidation and salt fractionation followed by extensive dialysis against the buffer stated

## Native Goat Gamma Globulin Fraction

above. Assay by immunoelectrophoresis resulted in precipitin arcs against anti-Goat Serum corresponding to gamma globulins.

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### Applications

Tested Applications: ELISA, SDS-PAGE

Applications Notes: Goat Gamma Globulin Fraction has been tested by ELISA and SDS-PAGE and can be utilized in Western Blotting, ELISA experiments, and other detection assays.

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### Storage

Store vial at 4 centigrade prior to restoration. For extended storage aliquot contents and freeze at -20 centigrade 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 centigrade as an undiluted liquid. Dilute only prior to immediate use.

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### Concentration

40 mg/mL by UV absorbance at 280 nm

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### Shipping

Ambient

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### Reconstitution

Restore with deionized water (or equivalent)

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### Synonyms

Plasma Gamma Globulin; Serum Gamma Globulin; Globulin Fractions; Gammaglobulin; goat gamma fraction

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### Figure 1

Gamma Globulin Fraction-038G, 1.jpg

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### Figure Note 1

SDS-PAGE results of Goat Gamma Globulin.

Lane 1: reduced Goat Gamma Globulin.

Lane 2: Molecular Weight Ladder.



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Diagnostic Proteins

## Native Goat Gamma Globulin Fraction

Lane 3: non-reduced Goat Gamma Globulin.

Load: 1.0 µg. 4-20% SDS Gel, Coomassie Blue Stained.

Expect: reduced at 55, 25 kDa; non reduced 150-170 kDa, migrates higher.

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### Figure Title 1

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SDS-PAGE

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### Physical State

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Lyophilized

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### Preservative

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None

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### Stabilizer

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None

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### Expiration

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Expiration date is one (1) year from date of receipt.

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