

## GammaBind G Type 2

#R00018

Size: 5 mg/50 mg

### Stability & Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.

- 1 month, 2 to 8 °C under sterile conditions after reconstitution.

- 3 months, -20 to -70 °C under sterile conditions after reconstitution.



**Warning:** This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

### Reconstitution

Dissolve in distilled water.

### Product Specification

|                                                                       |                                                                                                                                                                        |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Source</b>                                                         | Escherichia coli.                                                                                                                                                      |
| <b>Molecular Weight</b>                                               | Approximately 21.6 kDa, a single non-glycosylated polypeptide chain containing 199 amino acids. But it migrates with an apparent molecular mass of 31 kDa in SDS-PAGE. |
| <b>Protein per Gram Powder Concentration for 1 unity OD at 280 nm</b> | See Label.                                                                                                                                                             |
| <b>Purity</b>                                                         | > 97 % by SDS-PAGE and HPLC analyses.                                                                                                                                  |
| <b>Specificity</b>                                                    | When GammaBind G Type 2 is immobilized on agarose activated membranes, or other supports it can be used to separate and purify IgG                                     |

|                                        |                                                                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|                                        | antibodies When conjugated to enzymes, fluorescent dyes, biotin or radioisotopes GammaBind G Type 2 can be used to detect antibody complexes. |
| <b>Physical Appearance Formulation</b> | Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized from a 0.2 µm filtered concentrated solution in 10mM PB, pH 7.0.        |
| <b>Endotoxin</b>                       | Less than 1 EU/µg of GammaBind G Type 2 as determined by LAL method.                                                                          |
| <b>Shipping</b>                        | The product is shipped at ambient temperature. Upon receipt, store it immediately at -20 °C.                                                  |