Description	**Bovine Gamma globulin, Fraction II**
Product code	BGG
Physical form	Lyophilized, stable white powder.
Identity	Confirmed by immunoelectrophoresis and double radial immunodiffusion (Ouchterlony) using antisera to bovine total serum proteins, to bovine IgA, IgM and albumin.
Purity	Purification according to the method of Cohn (J. Amer. Chem. Soc. **68** (1946), 459). Not less than 90% as tested in immuno electrophoresis. Tested in a concentration of 35 mg/ml at the level of sensitivity of the applied immuno-precipitating techniques, this product contains traces of IgM, IgA, traces of complement C3c, transferrin and albumin.
Preservative	No preservative added.
Handling	This product is shipped lyophilized at ambient temperature. After arrival store at +4°C. Prolonged storage may be at -20°C. Solutions may be prepared by adding PBS (pH 7.2). Allow to stand at ambient temperature for 5-10 minutes to reach equilibrium. Solutions may be stored frozen. Working dilutions may be prepared by adding the required amount of phosphate buffered saline (PBS), should not be refrozen and preferably used within 24 hours. Repeated thawing and freezing should be avoided. If a slight precipitation occurs upon storage, this should be removed by centrifugation and will not affect the performance of the product.
Storage / shelf life	Lyophilized at +4° C — at least 10 years reconstituted at or below -20° C — 3-5 years reconstituted at +4° C — 7 days
Caution	This product should be handled only by qualified persons and appropriate precautions should be taken in its handling and disposal, and of all associated materials. For *in vitro* laboratory research purposes only.

NORDIC IMMUNOLOGICAL LABORATORIES
Langendijk 25, 5652 AX Eindhoven, The Netherlands
Tel. +31 630 070 625, Fax: +31 402 920 069
E-mail: info@nordiclabs.nl
www.nordiclabs.nl

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