Description	**Chromatographically purified bovine IgG**
Product code	BIgG
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	Not less than 98% as determined by agar-gel electrophoresis. Tested in a concentration of 58.6 mg/ml at the level of sensitivity of the applied immunoprecipitating techniques, this product contains traces of IgA and albumin.
Preservative	No preservative added.
Intended use	Purified bovine IgG may be used as a reference antigen, calibrator, coating protein and blocking agent in a variety of immunoassays including immunodiffusion, immunoelectrophoresis, ELISA, Western blotting, dot-immunobinding assays (DIBA), haemagglutination, and cell-binding assays.
Handling	This product is shipped lyophilized at ambient temperature. After arrival store at +4°C. Prolonged storage may be at -20°C. After opening the vial, the lyophilized content is reconstituted by adding 2 ml of sterile distilled water, mixed gently by inversion until complete dissolution is obtained. Allow to stand at ambient temperature for 5-10 minutes to reach equilibrium. Reconstituted solution 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.
Packing	Vial with 100 mg bovine IgG lyophilized from 2 ml PBS (pH 7.2).
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.

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