

BOVINE IgG F(c) fragment - 001-0103
Code: 001-0103

Size: 1 mg

Product Description: BOVINE IgG F(c) fragment - 001-0103

Concentration: 1.0 mg/mL by UV absorbance at 280 nm

PhysicalState: Liquid (sterile filtered)

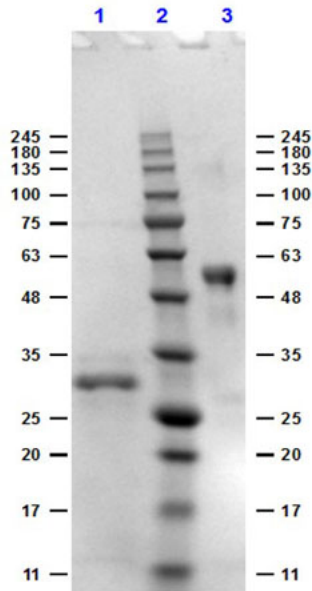
Label	Unconjugated
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide
Storage Condition	Store vial at 4° C prior to opening. This product is stable 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage mix with an equal volume of glycerol, aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
Synonyms	Bovine IgG F(c) Agarose Conjugate, Bovine IgG Fc Agarose, Bovine Fc fragment Agarose conjugate
Application Note	Bovine IgG F(c) can be utilized as a control or standard reagent in Western Blotting and ELISA experiments.
Background	Bovine IgG F(c) Fragment Agarose Conjugated product is made from IgG, secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. This product possesses the F(c) region, recognized by high-affinity Fc receptor proteins followed by agarose conjugation.
Purity And Specificity	This product was prepared from normal serum by a multi-step process which includes delipidation, salt fractionation, ion exchange chromatography and papain digestion followed by chromatographic separation and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Bovine Serum, anti-Bovine IgG and anti-Bovine IgG F(c). No reaction was observed against anti-Bovine IgG F(ab') ₂ or anti-Papain.
Assay Dilutions	User Optimized
Other Assays	User Optimized
Expiration	Expiration date is one (1) year from date of opening.

Related Products

010-0102	MOUSE IgG whole molecule - 010-0102
610-4302	Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
BSA-50	BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and Protease Free) - BSA-50

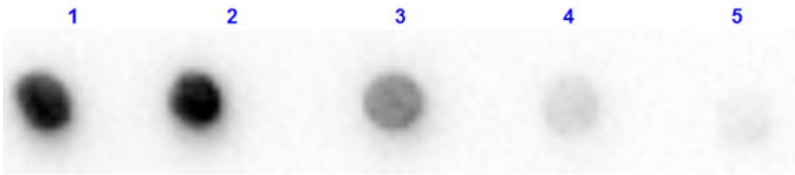
Images

1	SDS-PAGE for Bovine IgG F(c) Fragment. Lane 1: 1µg Reduced Bovine Fc. Lane 2: MW ladder Opal pre-stained (p/n MB-210-0500). Lane 3: 1µg Non-Reduced Bovine Fc. Coomassie Blue Stained.
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Dot Blot of Bovine IgG F(c) Fragment. Lane 1: 100 ng Bovine Fc. Lanes 2-5: serial dilution 3 fold of Antigen. Primary Antibody: Rabbit Anti-Bovine Fc (p/n 601-4103) at 1 µg/ml at RT for 1 hour. Secondary Antibody: Rabbit Secondary HRP Antibody (p/n 611-103-122) at 1:70,000 for 30 min at RT. Block: MB-070 at RT for 30 minutes.



Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.