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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet for 601-1504**Bovine IgG F(ab')₂ Antibody Alkaline Phosphatase Conjugated****Overview**

Description:	Goat Anti-Bovine IgG F(ab') ₂ Antibody Alkaline Phosphatase Conjugated - 601-1504
Item No.:	601-1504
Size:	1 mg
Applications:	ELISA
Reactivity:	Bovine
Host Species:	Goat

Product Details

Background:	Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the complement cascade, and opsonization for phagocytosis. This product possesses the F(ab') ₂ fragment, recognized by the two F(ab) fragments yielded from the digestion of the antibody below the disulfide bond hinge region.
Synonyms:	goat anti-Bovine IgG F(ab') ₂ fragment alkaline phosphatase Conjugated Antibody, goat anti-Bovine IgG Fab ₂ fragment Alk phos Conjugated Antibody
Host Species:	Goat
Specificity:	IgG F(ab') ₂
Conjugate:	Alkaline Phosphatase (AP)
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Bovine
Immunogen:	Bovine IgG F(ab') ₂ fragment

Purity/Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Bovine IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Serum, Bovine IgG, Bovine IgG F(ab') ₂ and Bovine Serum. No reaction was observed against Bovine IgG F(c).
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Application Details

Tested Applications:	ELISA
Application Note:	Anti-Bovine IgG F(ab') ₂ Alkaline Phosphatase Conjugate has been tested by ELISA and is assayed against 1.0 ug of Bovine IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate code # NPP-10 as a substrate for 30 minutes at room temperature. A working dilution of 1:500 to 1:2,500 is suggested for this product.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:2,000 - 1:10,000
IHC:	1:200 - 1:1,000
WB:	1:500 - 1:2,500

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0
Preservative:	0.05% (w/v) Sodium Azide
Stabilizer:	10 mg/ml Polyethylene Glycol (PEG-8000)

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.
Expiration:	Expiration date is one (1) year from date of receipt.

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.