

Datasheet for 608-1304**Horse IgG F(ab')₂ Antibody Peroxidase Conjugated****Overview**

Description:	Goat Anti-Horse IgG F(ab') ₂ Antibody Peroxidase Conjugated - 608-1304
Item No.:	608-1304
Size:	2 mg
Applications:	ELISA
Reactivity:	Horse
Host Species:	Goat

Product Details

Background:	Anti-Horse F(ab') ₂ peroxidase conjugated antibody generated in goat detects specifically horse IgG F(ab') ₂ . This secondary peroxidase conjugated antibody anti-Horse is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays.
Synonyms:	Horse IgG F(ab') ₂ Antibody, Gt-a-Horse F(ab') ₂ Peroxidase conjugated, Horse F(ab') ₂ Peroxidase Antibody in goat, Goat anti-horse F(ab') ₂ peroxidase conjugated Secondary Antibody
Host Species:	Goat
Specificity:	IgG F(ab') ₂
Conjugate:	Peroxidase (HRP)
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Horse
Immunogen Type:	Native Protein
Immunogen:	Anti-Horse IgG was produced by repeated immunization with horse IgG F(ab') ₂ fragment in goat.

Purity/Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Horse 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-Peroxidase, anti-Goat Serum, Horse IgG, Horse IgG F(ab') ₂ and Horse Serum. No reaction was observed against Horse IgG F(c).
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Application Details

Tested Applications:	ELISA
Application Note:	Anti-Horse IgG F(ab') ₂ peroxidase conjugated antibody has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:50,000 - 1:150,000
IHC:	1:500 - 1:2,500
WB:	1:1,000 - 1:5,000

Formulation

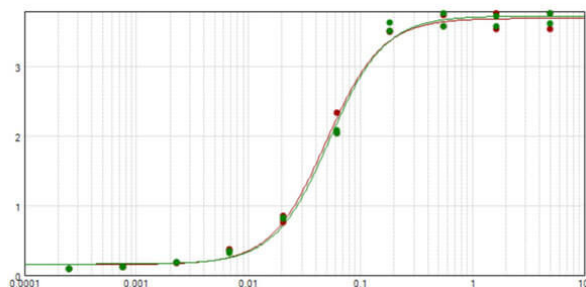
Physical State:	Lyophilized
Concentration:	2.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Reconstitution Volume:	1.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Images



ELISA

ELISA results of purified Polyclonal Goat Anti-Horse IgG F(ab')₂ Antibody Peroxidase Conjugated tested against Horse IgG F(ab')₂ (red) and Horse IgG (green). Each well was coated in duplicate with 1.0µg of antigen. The starting dilution of antibody was 5µg/ml and the X-axis represents the Log₁₀ of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC₅₀ is defined as the titer of the antibody. Assay performed using TMB substrate (p/n TMBE-1000).

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.