

Certificate of Analysis

Product: IgG Fraction of anti-Human Red Blood Cells (RBC) [Rabbit]

Code: 209-4139

Lot # 5949

Size: 50 mg

Physical State: Lyophilized

Antibody Concentration: 10.0 mg/ml (by UV absorbance at 280 nm)

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Stabilizer: None

Preservative: 0.01% (w/v) Sodium Azide

Application(s): Suitable for agglutination of cells on titer plates and other related assays.

Recommended Dilution(s):	<u>METHOD</u>	<u>DILUTION</u>	<u>ACCEPTABLE RANGE</u>
	AGGLUTINATION	1:64	1:32 to 1:128
	OTHER APPLICATIONS	User Optimized	N/A

Storage Conditions: Store vial at 4° C prior to restoration. Restore with 5.0 ml of deionized water (or equivalent). 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. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Expiration date is one (1) year from date of restoration or two (2) years in lyophilized form.

Purity: This product is an IgG fraction antibody purified from polyspecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above.

Immunogen: Human washed pooled Red Blood Cells (RBC)

USDA Certification: 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.

Note: 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.