

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: K07108H **Lot #:** 4F17417

Description: Human anti Sm Antigen
Human Antibody to Sm (Smith) Antigen

Specificity: Shows the Sm precipitate band when tested using double immunodiffusion against rabbit thymus extract. Specificity is verified by identity of precipitation with CDC-AF reference serum. Anti-RNP precipitant is also detected. Titer will vary with test system; however, undiluted antibody shows a strong Sm precipitate band. Exhibits no reactivity at a dilution of 1:100 when tested against purified SSB, Scl-70 and Jo-1 antigens in an ELISA system designed to detect all IgG subclasses. Anti-RNP and low levels of anti-SSA activity are detected in this ELISA system.

Source: Human Plasma

Format: Purified, Lyophilized
Reconstitute with 2 mL deionized water.

Purification: Single donor human plasma is delipidized and defibrinated. An immunoglobulin fraction is then precipitated and collected.

Concentration: Not determined

Buffer: Lyophilized from 0.01 M Phosphate, 0.13 M Sodium Chloride, pH 7.2.

Preservative: 0.02% Sodium Azide (prior to lyophilization).

Applications: Suitable for use in Immunodiffusion and ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store at $\leq 0^{\circ}\text{C}$. Avoid multiple freeze/thaw cycles.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Corry Thomas

23 Jun 2017

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