



Meridian

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Innovative Solutions. Trusted Partner.®

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CERTIFICATE OF ANALYSIS

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

Catalog #: K90070P **Lot #:** 2F18018

Description: Sheep anti Transferrin
Sheep Antibody to Human Transferrin
Horseradish Peroxidase Conjugated

Specificity: The unconjugated immunoglobulin gives a single arc when tested by IEP against human serum. Identity has been confirmed by double diffusion (Ouchterlony) against human serum and an anti-human transferrin of known specificity. Transferrin is 79 kDa a single polypeptide chain glycoprotein, and is a member of the iron binding family of proteins.

Host Animal: Sheep

Immunogen: Human holo-transferrin purified from human serum, shown to be homogeneous by SDS-PAGE.

Format: HRP, Liquid
NOTE: Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.

Purification: If necessary, the antiserum is adsorbed to monospecificity by use of solid-phase adsorbants. Following adsorption, an immunoglobulin fraction is produced by ion-exchange chromatography. The immunoglobulin fraction is conjugated with horseradish peroxidase activated by periodate. Preservatives are added.
Product is 0.2 µm filtered.

Concentration: 5 mg/mL

Buffer: Phosphate Buffered Saline, pH 7.2

Preservative: 0.05% Proclin™300, 0.02% Methylisothiazolone, 0.02% Bromonitrodioxane.

Applications: Recommended for use in enzyme immunoassay (EIA). 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 2-8°C. Slight precipitation can occur on storage, which may be removed by centrifugation and should not affect performance characteristics.

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

Brenda Dunn

02 July 2018

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY