

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** A50185H **Lot #:** 8H23722

**Description:** Human Prealbumin

**Source:** Human Plasma

**Format:** Purified, Lyophilized  
For 1 mg vial, reconstitute with 402 µL deionized water.

**Purification:** > 95% pure (SDS-PAGE reducing conditions). Significant band between 14,400 and 21,500, minor band between 31,000 and 45,000. Pattern typical of Prealbumin.

**Concentration:** 2.49 mg/mL (prior to lyophilization).

**Buffer:** Lyophilized from 50 mM Sodium Phosphate, pH 7.5 containing 150 mM Sodium Chloride.

**Preservative:** None

**Applications:** Specific methodologies have not been tested using this product.

**Storage:** Store at -20°C. Avoid multiple freeze/thaw cycles.

**Inactivation:** Not Applicable

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

**References:** The references listed below are for research purposes only:

1. Kassem, N.A., et al., (2006), "Role of transthyretin in thyroxine transfer from cerebrospinal fluid to brain and choroid plexus", Am. J. Physiol. Regul Integr. Comp. Physiol., **291**: R1310-R1315.
2. Moore, L.E., et al., (2006), "Evaluation of Apolipoprotein A1 and Posttranslationally Modified Forms of Transthyretin as Biomarkers for Ovarian Cancer Detection in an Independent Study Population", Cancer Epidemiol Biomarkers Prev., **15**(9): 1641-1646.

Quality Signature:



25 Aug 2022

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**