

CERTIFICATE OF ANALYSIS

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

Catalog #: A86809H **Lot #:** 8A01121

Description: Human Brain S-100 Protein

S-100 protein derived from brain tissue is an acidic calcium-binding protein with the molecular weight of about 21 kDa. In human brain tissue S-100 protein is mainly presented by two isoforms, beta-beta homodimer (S-100b) and alpha-beta heterodimer (S-100a).

Source: Human Brain Tissue

Format: Purified, Lyophilized
Reconstitute in 5 mM 2-Mercaptoethanol solution.

Purification: > 95% pure (native electrophoresis in presence of 2 mM EGTA).

Concentration: 1.16 mg/ml

Buffer: Lyophilized from 5 mM Tris-HCl, pH 7.5 containing 5 mM 2-Mercaptoethanol and 5 mM EDTA.

Preservative: None

Applications: Suitable for use as a standard in Immunoassay, as an immunogen for antiserum production and tracer for iodination. 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 -20°C. Avoid multiple freeze/thaw cycles.

Inactivation: Not Applicable

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

Quality Signature: 

11 JAN 2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY