



DataSheet

CATALOGUE #: 8S9-2h

PRODUCT NAME: S100BB homodimer, human

Source: Human brain tissue.
Blood samples from tissue donors were tested and found to be negative for HBsAg, HIV-1 and HIV-2 antibodies, HCV, and syphilis.

Application: S100BB homodimer is suitable for use as a standard in immunoassay and as an immunogen for antiserum production. Measurements of S100BB in serum samples of patients are useful in monitoring of traumatic brain injury, ischemic brain damage after circulatory arrests, in diagnosis and prognosis of clinical outcome in acute stroke.

Analysis: Purity > 95 %. After native gel electrophoresis by Ornstein-Davis S100BB is presented by one band corresponding to dimeric protein.
S100BB concentration is determined by Lowry method using BSA as a standard.

Presentation: Lyophilized from 5 mM Tris-HCl, pH 7.5 with 5 mM 2-mercaptoethanol and 2 mM EDTA.
It is recommended to reconstitute this product with deionized water, containing 5 mM 2-mercaptoethanol, to its initial concentration.

Storage: Lyophilized and reconstituted at -20 °C (-15 ... -30 °C allowed)

Material safety note: This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.

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