



DataSheet

CATALOGUE #: 8NS3

PRODUCT NAME: Neuron-specific enolase (NSE)

Source: Post mortal human brain.
Blood sample from the tissue donor was tested and found negative for HBsAg, HCV, HIV-1 and 2 antibodies, and syphilis.

Analysis: Purity > 95 % (SDS-PAGE).

Purification: Ion-exchange chromatography and gel-filtration.

Activity: Specific activity is determined for each lot at 25 °C in 45 mM imidazole, pH 6.8, 45 mM KCl, 1.33 mM Mg₂SO₄; 1 mM 2-PG. One unit is defined as the amount of NSE converted 1 mol of 2-phospho-D-glycerate per min at 25 °C (J.Biochem. 87, 1587-1594, 1980). Subunit composition is gamma-gamma.

Immunological activity: Tested in ELISA and immunoblotting with anti-NSE antibodies.

Presentation: 0.1 M Tris-HCl, 5 mM MgSO₄, 0.25 M KCl, pH 5.1

Storage: -70 °C (-65 ... -80 °C allowed)

Other information: Avoid repeated freezing and thawing.

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

HyTest Ltd.

Intelligate 1, 6th floor, Joukahaisenkatu 6
FI-20520 Turku FINLAND
www.hytest.fi | hytest@hytest.fi