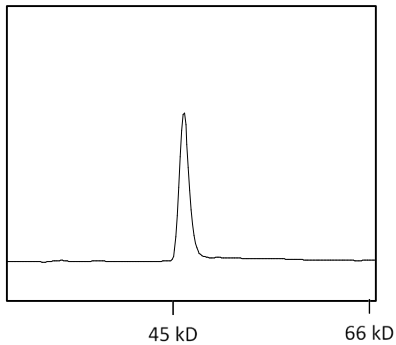
Medix Biochemica

Product specification
ANTIGEN
2023-01-02

Recombinant NSE antigen, 100 µg

Catalog number	610150
Description	Recombinant human neuron-specific enolase (NSE) γ-isoform with a C-terminal histidine tag. Predicted molecular weight: 48 kDa.
Amino acid sequence	MSIEKIWAREILDSRGNPTVEVDLYTAKGLFRAAVPSGASTGIYEALELRD GDKQRYLGKGVLKAVDHINSTIAPALISSGLSVVEQEKLDNLMLELDGTEN KSKFGANAILGVSLAVCKAGAAERELPLYRHIAQLAGNSDLILPVPAFNVIN GGSHAGNKLAMQEFMILPVGAESFRDAMRLGAEVYHTLKGVIKDKYGKD ATNVGDEGGFAPNILENSEALELVKEAIDKAGYTEKIVIGMDVAASEFYRD GKYDLDFKSPTDPSRYITGDQLGALYQDFVRDYPVVSIEDPFDQDDWAA WSKFTANVGIQIVGDDLTVTNPKRIERAVEEKACNCLLLKVNQIGSVTEAIQ ACKLAQENGWGVMVSHRSGETEDTFIADLVVGLCTGQIKTGAPCRSERL AKYNQLMRIEEELGDEARFAGHNFRNPSVLSGHHHHHH
Product host	*Escherichia coli (E. coli)*
Product formulation	Liquid
Product buffer solution	50 mM Tris-HCl, 150 mM NaCl, 5 mM $MgSO_4$, 0.02 % Tween 20, pH 7.5, 0.095 % NaN_3 as a preservative
Reconstitution	N/A
Shelf life and storage	Unspecified, storage at 2-8 °C
Analyte description	Neuron-specific enolase (NSE) has been detected in patients with certain tumors, namely: neuroblastoma, small cell lung cancer, medullary thyroid cancer, carcinoid tumors, pancreatic endocrine tumors, and melanoma. Studies of NSE as a tumor marker have concentrated primarily on patients with neuroblastoma and small cell lung cancer. Measurement of NSE levels in patients with these two diseases can provide information about the extent of the disease and the patient's prognosis, as well as about the patient's response to treatment.
Product concentration	Lot specific
Purity	Capillary electrophoresis (CE-SDS)



Antibodies tested	Anti-h NSE 9601: + Anti-h NSE 9602: +

Oy Medix Biochemica Ab
Klovinpellontie 3,
FI-02180 Espoo, Finland

medix@medixbiochemica.com
www.medixbiochemica.com
VAT reg. no. FI14631532