

## Neuron Specific Enolase / NSE

IN VITRO DIAGNOSTIC DATASHEET

**INTENDED USE :** IN VITRO DIAGNOSTIC USE

This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.

**DESCRIPTION :** Neuron-Specific Enolase (NSE, Enolase 2) is a human gene. It makes a phosphopyruvate hydratase. This gene encodes one of the three enolase isoenzymes found in mammals. This isoenzyme, a homodimer, is found in mature neurons and cells of neuronal origin. A switch from alpha enolase to gamma enolase occurs in neural tissue during development in rats and primates.

<b>CATALOG NO :</b>	PL335	PL335-R7	7 ML RTU 70 TEST
		PL335-R1	1 ML RTU 10 TEST
		PL335-1	1 ML 1/500 5000 TEST
	<b>STAINING PATTERN :</b> Cytoplasmic	PL335-0,1	0,1 ML 1/500 500 TEST

**POSITIVE CONTROL :** Pancreas, Brain, Pituitary, Adrenal, Thyroid

**VOLUME :** 7 ml Ready to Use ( 7 ml of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide. )

**HOST :** Mouse

**CLONE :** E27

**ANTIBODY CONCENTRATION :** Not known

**SPECIES REACTIVITY :** Human

**EPITOPE :** Not known

**MICROBIOLOGICAL STATE :** This product is not sterile.

**PRETREATMENT :** Staining of formalin-fixed tissue sections requires treating the tissue sections in boiling 10mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at room temperature for 20 min.

**PRIMARY ANTIBODY INCUBATION TIME :** 30 minutes at Room Temperature

**STAINING TIPS :** If the staining is too light, use lower dilution or longer time. If the staining is too strong, check pretreatment, use higher dilution or shorter time.

**STORAGE AND STABILITY :** This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

**TROUBLESHOOTING :** Please contact Patolab Technical Support by e-mail ( patolab@patolab.com.tr ).

