Rat VGF Nerve Growth Factor Inducible (VGF) ELISA Kit

Product Code	CSB-E17520r
Abbreviation	VGF
Target Name	VGF Nerve Growth Factor Inducible (VGF)
Uniprot No.	P20156
Alias	neuro-endocrine specific protein VGF|neurosecretory protein VGF
Product Type	ELISA Kit
Immunogen Species	Rattus norvegicus (Rat)
Sample Types	serum, plasma
Detection Range	0.312 ng/mL-20 ng/mL
Sensitivity	0.078 ng/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Neuroscience
Gene Names	Vgf
Tag Info	quantitative
Protein Description	Sandwich

Description

The Rat VGF Nerve Growth Factor Inducible (VGF) ELISA Kit is a powerful tool for researchers in the field of neuroscience. This quantitative assay measures the concentration of VGF Nerve Growth Factor Inducible (VGF) in serum and plasma samples from Rattus norvegicus (Rat).

With a detection range of 0.312 ng/mL to 20 ng/mL and a sensitivity of 0.078 ng/mL, this ELISA kit provides accurate and precise measurements for your research needs. The assay time ranges from 1 to 5 hours, and the sample volume required is 50-100ul.

The sandwich measurement technique used in this kit ensures high specificity and sensitivity, providing you with reliable and consistent results. The detection wavelength of 450 nm ensures accurate measurements for each sample.

This ELISA kit is particularly useful for researchers in the field of neuroscience, as VGF has been linked to neuronal development and plasticity, as well as

	cognitive function and behavior. This kit can help investigate the role of VGF in these processes and provide insights into potential therapeutic targets.
Target Details	This gene is specifically expressed in a subpopulation of neuroendocrine cells, and is upregulated by nerve growth factor. The structural organization of this gene is similar to that of the rat gene, and both the translated and the untranslated regions show a high degree of sequence similarity to the rat gene. The encoded secretory protein also shares similarities with the secretogranin/chromogranin family, however, its exact function is not known.
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