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Datasheet for ABIN5654683 GLN1 ELISA Kit



Overview

Quantity:	96 tests
Target:	GLN1
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	3.12 pg/mL - 200 pg/mL
Minimum Detection Limit:	3.12 pg/mL
Application:	ELISA

Product Details

Sample Type:	Cerebrospinal Fluid, Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This assay has high sensitivity and excellent specificity for detection of Glutamine synthetase (GS). No significant cross-reactivity or interference between Glutamine synthetase (GS) and analogues was observed.
Sensitivity:	1.42 pg/mL
Target Details	
Target:	GLN1
Alternative Name:	Glutamine synthetase (GLN1 Products)

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Gene Alasses: GLNS, GLUL, Glutamate Ammonia Ligase, Glutamate decarboxylase Bene ID: 14645 JniProt: P15105 Pathways: Positive Regulation of Peptide Hormone Secretion Application Details Interview Regulation of Peptide Hormone Secretion Comment: The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5 % within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, ait humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end. Assay Time: 3 h Protocol: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtilter plate provided in this kit has been pre-coated with an antibody specific to Clutamine synthetase (GS) Standards or samples are then added to the appropriate microtilter plate wells with a biotin-conjugated antibody specific to Glutamine synthetase (GS), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme substrate reaction is defed, only those wells that contain Glutamine synthetase (GS), biotin-conjugated antibody and enzyme-conjugated avidin of suphure acid solution and the color changing is measured spectrophotometrically at a wavelength of 450mm ± 10mm. The concentration of Glutamine synthetase (GS) were tested 20 times on one plate, respectively inter-assay Precision (Precision within an assay): 3 samples with low, middle and high level Clutamine synthetase (GS) were tested 20 t	Target Details	
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Handling	
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Handling Advice:	The Stop Solution is acidic. Do not allow to contact skin or eyes. Calibrators, controls and specimen samples should be assayed in duplicate. Once the procedure has been started, all steps should be completed without interruption.
Storage:	4 °C,-20 °C
Storage Comment:	-20°C. Bring all reagents to room temperature before beginning test. The kit may be stored at 4°C for immediate use within two days upon arrival. Reseal any unused strips with desiccant pack. Minimize freeze/thaw cycles.
Expiry Date:	4-8 months