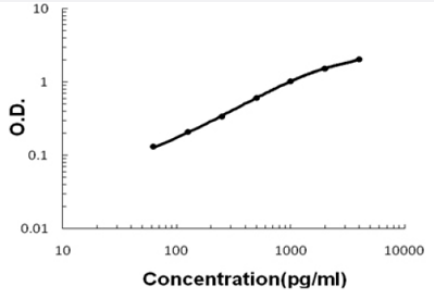
NRCAM (Human) ELISA Kit

Catalog # KA5102 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	NRCAM (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for quantitative detection of human NRCAM in cell culture supernates, cell lysates, serum and plasma (heparin, EDTA).
Suitable Sample	Cell culture supernates, cell lysates, serum and plasma (heparin, EDTA)
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	62.5 to 4000 pg/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for six months. For long term storage store at -20°C. Avoid repeated freezing and thawing.

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Applications

- Quantification

Gene Info — NRCAM

Entrez GeneID	4897
Gene Name	NRCAM
Gene Alias	KIAA0343, MGC138845, MGC138846
Gene Description	neuronal cell adhesion molecule
Omim ID	601581
Gene Ontology	Hyperlink
Gene Summary	Cell adhesion molecules (CAMs) are members of the immunoglobulin superfamily. This gene encodes a neuronal cell adhesion molecule with multiple immunoglobulin-like C2-type domains and fibronectin type-III domains. This ankyrin-binding protein is involved in neuron-neuron adhesion and promotes directional signaling during axonal cone growth. This gene is also expressed in non-neural tissues and may play a general role in cell-cell communication via signaling from its intracellular domain to the actin cytoskeleton during directional cell migration. Allelic variants of this gene have been associated with autism and addiction vulnerability. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq
Other Designations	NgCAM-related cell adhesion molecule|NrCAM-|bravo

Pathway

- Cell adhesion molecules (CAMs)

Disease

- Asperger Syndrome
- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Cognition

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- Genetic Predisposition to Disease
- Learning
- Learning Disorders
- Mental Disorders
- NARP
- Obsessive-Compulsive Disorder
- Psychiatric Status Rating Scales
- Schizophrenia
- Social Perception
- Tobacco Use Disorder

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