

Mouse Vimentin+B817 ELISA Kit | VIM elisa kit

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CATALOG #
AAA84900

REACTIVITY
Mouse

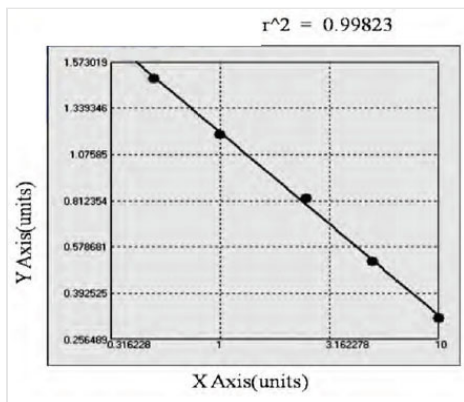
PRODUCT SYNONYMS

Vimentin+B817; Mouse Vimentin+B817 ELISA Kit; VIM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This VIM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of mouse VIM. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VIM elisa kit

Principle of the Assay: VIM ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-VIM antibody and an VIM-HRP conjugate. The assay sample and buffer are incubated together with VIM-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the VIM concentration since VIM from samples and VIM-HRP conjugate compete for the anti-VIM antibody binding site. Since the number of sites is limited, as more sites are occupied by VIM from the sample, fewer sites are left to bind VIM-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VIM concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62414289
NCBI GeneID	7431
NCBI Accession #	NP_003371.2
NCBI GenBank Nucleotide #	NM_003380.3
Molecular Weight	53,652 Da
NCBI Official Full Name	vimentin
NCBI Official Synonym Full Names	vimentin
NCBI Official Symbol	VIM
NCBI Official Synonym Symbols	HEL113; CTRCT30
NCBI Protein Information	vimentin; epididymis luminal protein 113
UniProt Protein Name	Vimentin
UniProt Gene Name	VIM
UniProt Entry Name	VIME_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.