

Vedolizumab (Human) ELISA Kit (Quantitative)

Catalog # KA6974

Size 1 Kit

Specification

Product Description	Vedolizumab (Human) ELISA Kit (Quantitative) is the specific and quantitative determination of free Vedolizumab in serum and plasma.
Suitable Sample	Serum or Plasma
Sample Volume	10 μ L
Absorbance (nm)	450/650 nm
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	30 - 1000 ng/mL
Limit of Detection	1 ng/mL
Specificity	This kit is specific for Vedolizumab only and does not cross-react with other α 4 β 7 integrin capturers.
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Quantification

Gene Info — ITGA4

Entrez GeneID	3676
Gene Name	ITGA4

Gene Alias	CD49D, IA4, MGC90518
Gene Description	integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)
Omim ID	192975
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the integrin alpha chain family of proteins. Integrins are hetero dimeric integral membrane proteins composed of an alpha chain and a beta chain. This gene encodes an alpha 4 chain. Unlike other integrin alpha chains, alpha 4 neither contains an I-domain, nor undergoes disulfide-linked cleavage. Alpha 4 chain associates with either beta 1 chain or beta 7 chain. [provided by RefSeq]
Other Designations	269C wild type antigen CD49D, alpha-4 subunit of VLA-4 receptor integrin alpha 4 integrin alpha-4 subunit very late activation protein 4 receptor, alpha 4 subunit

Gene Info — ITGB7

Entrez GeneID	3695
Gene Name	ITGB7
Gene Alias	-
Gene Description	integrin, beta 7
Omim ID	147559
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	integrin beta 7 subunit

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
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- [Cell adhesion molecules \(CAMs\)](#)
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- [ECM-receptor interaction](#)

- [ECM-receptor interaction](#)
- [Focal adhesion](#)
- [Focal adhesion](#)
- [Hematopoietic cell lineage](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [Leukocyte transendothelial migration](#)
- [Regulation of actin cytoskeleton](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Asthma](#)
- [Autistic Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Multiple Sclerosis](#)
- [Neurogenic Inflammation](#)
- [Tobacco Use Disorder](#)