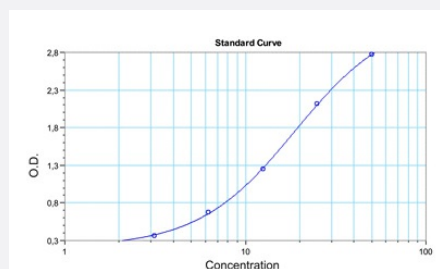


# Anti-Natalizumab (Human) ELISA Kit (Quantitative)

Catalog # KA6848

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

|                            |                                                                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Anti-Natalizumab (Human) ELISA Kit (Quantitative) is a quantitative determination of antibodies to Natalizumab in serum and plasma. |
| <b>Suitable Sample</b>     | Serum or Plasma                                                                                                                     |
| <b>Sample Volume</b>       | 10 $\mu$ L                                                                                                                          |
| <b>Label</b>               | HRP-conjugate                                                                                                                       |
| <b>Absorbance (nm)</b>     | 450/650 nm                                                                                                                          |
| <b>Detection Method</b>    | Colorimetric                                                                                                                        |
| <b>Assay Type</b>          | Quantitative                                                                                                                        |
| <b>Calibration Range</b>   | 3.125 - 50 ng/mL                                                                                                                    |
| <b>Limit of Detection</b>  | 1.87 ng/mL                                                                                                                          |
| <b>Reactivity</b>          | Human                                                                                                                               |
| <b>Regulation Status</b>   | 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 the kit at 4°C.

## Applications

- Quantification

## Gene Info — CSH1

## Entrez GeneID

[1442](#)

## Gene Name

CSH1

## Gene Alias

CSA, CSMT, FLJ75407, PL

## Gene Description

chorionic somatomammotropin hormone 1 (placental lactogen)

## Omim ID

[150200](#)

## Gene Ontology

[Hyperlink](#)

## Gene Summary

The protein encoded by this gene is a member of the somatotropin/prolactin family of hormones and plays an important role in growth control. The gene is located at the growth hormone locus on chromosome 17 along with four other related genes in the same transcriptional orientation; an arrangement which is thought to have evolved by a series of gene duplications. Although the five genes share a remarkably high degree of sequence identity, they are expressed selectively in different tissues. Alternative splicing generates additional isoforms of each of the five growth hormones, leading to further diversity and potential for specialization. This particular family member is expressed mainly in the placenta and utilizes multiple transcription initiation sites. Expression of the identical mature proteins for chorionic somatomammotropin hormones 1 and 2 is upregulated during development, although the ratio of 1 to 2 increases by term. Mutations in this gene result in placental lactogen deficiency and Silver-Russell syndrome. [provided by RefSeq]

## Other Designations

CS-1|choriomammotropin|chorionic somatomammotropin A|chorionic somatomammotropin hormone 1|hCS-A|placental lactogen

## 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            | <a href="#">192975</a>                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                            |
| 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                                                                                                                                                                                                                                                                   |

## Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [Cytokine-cytokine receptor interaction](#)
- [ECM-receptor interaction](#)
- [Focal adhesion](#)
- [Hematopoietic cell lineage](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [Jak-STAT signaling pathway](#)
- [Leukocyte transendothelial migration](#)
- [Neuroactive ligand-receptor interaction](#)
- [Regulation of actin cytoskeleton](#)

## Disease

- [Autistic Disorder](#)
- [Birth Weight](#)

- [Body Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Metabolic Syndrome X](#)
- [Multiple Sclerosis](#)
- [Neurogenic Inflammation](#)
- [Tobacco Use Disorder](#)