

Human integrin, beta 2 (complement component 3 receptor 3 and 4 subunit) ELISA Kit | ITGB2 elisa kit

Human integrin beta2, ITG beta2/CD11+CD18 ELISA Kit

CATALOG #

AAA80554

REACTIVITY

Human

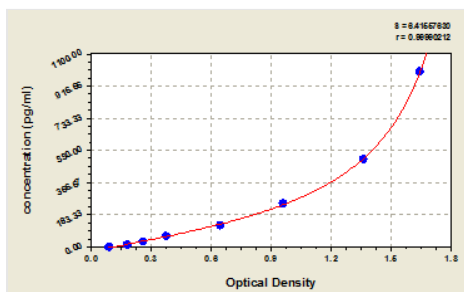
PRODUCT SYNONYMS

integrin; beta 2 (complement component 3 receptor 3 and 4 subunit); Human integrin beta2; ITG beta2/CD11+CD18 ELISA Kit; CD18; LAD; LCAMB; LFA-1; MAC-1; MF17; MFI7; OTTHUMP00000115279; OTTHUMP00000115281; OTTHUMP00000115282; cell surface adhesion glycoprotein LFA-1/CR3/P150; 959 beta subunit precursor) ; complement receptor; ITGB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ITG beta2. No significant cross-reactivity or interference between human ITG beta2 and analogues was observed.
Sequence Length	769
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich (Quantitative)
Detection Range	15.6 pg/ml-1000 pg/ml.
Sensitivity	3.9 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ITGB2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ITG beta2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ITG beta2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ITG beta2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ITG beta2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	89191865
NCBI GeneID	3689
NCBI Accession #	NP_000202.2
NCBI GenBank Nucleotide #	NM_000211.3
UniProt Accession #	P05107; Q16418; Q53HS5; Q9UD72; B3KTS8; D3DSM1
Molecular Weight	84,782 Da
NCBI Official Full Name	integrin beta-2
NCBI Official Synonym Full Names	integrin, beta 2 (complement component 3 receptor 3 and 4 subunit)
NCBI Official Symbol	ITGB2
NCBI Official Synonym Symbols	LAD; CD18; MF17; MFI7; LCAMB; LFA-1; MAC-1
NCBI Protein Information	integrin beta-2; integrin beta chain, beta 2; complement receptor C3 beta-subunit; complement receptor C3 subunit beta; leukocyte cell adhesion molecule CD18; leukocyte-associated antigens CD18/11A, CD18/11B, CD18/11C; cell surface adhesion glycoproteins LFA-1/CR3/p150,95 subunit beta; cell surface adhesion glycoprotein LFA-1/CR3/P150,959 beta subunit precursor)
UniProt Protein Name	Integrin beta-2
UniProt Gene Name	ITGB2
UniProt Synonym Gene Names	CD18; MFI7
UniProt Entry Name	ITB2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/itgb2-human-elisa-kits/integrin-beta-2-complement-component-3-receptor-3-and-4-subunit/80554>