

Human Siglec5 (Sialic acid-binding Ig-like lectin 5) ELISA Kit | Siglec5 elisa kit

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CATALOG #
AAA277845

REACTIVITY
Human

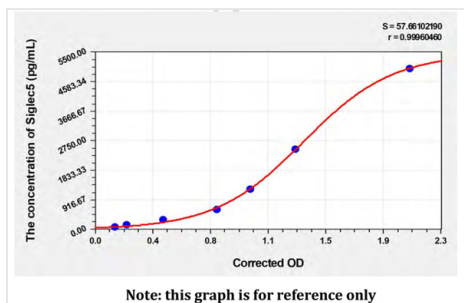
PRODUCT SYNONYMS

Siglec5 (Sialic acid-binding Ig-like lectin 5); Human Siglec5 (Sialic acid-binding Ig-like lectin 5) ELISA Kit; CD170; CD33L2; OB-BP2; OBBP2; SIGLEC-5; Siglec5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human Siglec5. No significant cross-reactivity or interference between Human Siglec5 and analogues was observed.
Assay Type	Sandwich
Detection Range	78.13-5000 pg/mL
Sensitivity	27.8 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Siglec5 elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human Siglec5. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Siglec5. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human Siglec5, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Human Siglec5 in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	25009254
NCBI GeneID	8778
UniProt Accession #	O15389
Molecular Weight	60,715 Da
NCBI Official Full Name	Sialic acid-binding Ig-like lectin 5
NCBI Official Synonym Full Names	sialic acid binding Ig like lectin 5
NCBI Official Symbol	SIGLEC5
NCBI Official Synonym Symbols	CD170; OBBP2; CD33L2; OB-BP2; SIGLEC-5
NCBI Protein Information	sialic acid-binding Ig-like lectin 5
UniProt Protein Name	Sialic acid-binding Ig-like lectin 5
UniProt Gene Name	SIGLEC5
UniProt Synonym Gene Names	CD33L2; OBBP2; Siglec-5; OB-BP2; OB-binding protein 2

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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/siglec5-sialic-acid-binding-ig-like-lectin-5/277845>