

Human Protrudin (ZFYVE27) ELISA Kit | ZFYVE27 elisa kit

Human Protrudin (ZFYVE27) ELISA Kit

CATALOG #
AAA250170

REACTIVITY
Human

PRODUCT SYNONYMS

Protrudin (ZFYVE27); Human Protrudin (ZFYVE27) ELISA Kit; Protrudin; Spastic paraplegia 33 protein; Zinc finger FYVE domain-containing protein 27; SPG33; ZFYVE27; ZFYVE27 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Protrudin. No significant crossreactivity or interference between Protrudin and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for ZFYVE27 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	50557648
NCBI GeneID	118813
NCBI Accession #	NP_001002262
NCBI GenBank Nucleotide #	NM_001002262
UniProt Accession #	Q5T4F4; Q5T4F1; Q5T4F2; Q5T4F3; Q8N1K0; Q8N6D6; B7Z3S0; B7Z404; B7Z626; G8JLC3; G8JLF0; J3KP98
Molecular Weight	41,417 Da
NCBI Official Full Name	protrudin isoform c

NCBI Official Synonym Full Names	zinc finger, FYVE domain containing 27
NCBI Official Symbol	ZFYVE27
NCBI Official Synonym Symbols	SPG33; PROTRUDIN
NCBI Protein Information	protrudin
UniProt Protein Name	Protrudin
UniProt Gene Name	ZFYVE27
UniProt Entry Name	ZFY27_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://www.aaabiotech.com/human-elisa-kits/protrudin-zfyve27/250170>