

Human Protrudin (ZFYVE27) ELISA Kit | ZFYVE27 elisa kit

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CATALOG # AAA55989	REACTIVITY Human
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PRODUCT SYNONYMS

Protrudin (ZFYVE27); Human Protrudin (ZFYVE27) ELISA Kit; PROTRUDIN; RP11-459F3.2; SPG33; ZFYVE27 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human ZFYVE27. No significant cross-reactivity or interference between Human ZFYVE27 and analogues was observed.
Sequence Length	416
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.31 ng/mL - 20 ng/mL
Sensitivity	0.15 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for ZFYVE27 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate ZFYVE27 in Human serum, plasma. An antibody specific for ZFYVE27 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ZFYVE27 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ZFYVE27 is added to the wells. After washing, Streptavidin 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 ZFYVE27 bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Human Protrudin (ZFYVE27) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50557646
NCBI GeneID	118813
NCBI Accession #	NP_001002261.1
NCBI GenBank Nucleotide #	NM_001002261.3

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 a
NCBI Official Synonym Full Names	zinc finger FYVE-type containing 27
NCBI Official Symbol	ZFYVE27
NCBI Official Synonym Symbols	SPG33; PROTRUDIN
NCBI Protein Information	protrudin
UniProt Protein Name	Protrudin
UniProt Gene Name	ZFYVE27

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-zfyve27/55989>