

Human Recombination activating gene 1 ELISA Kit | PAG 1 elisa kit

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CATALOG #
AAA86424

REACTIVITY
Human

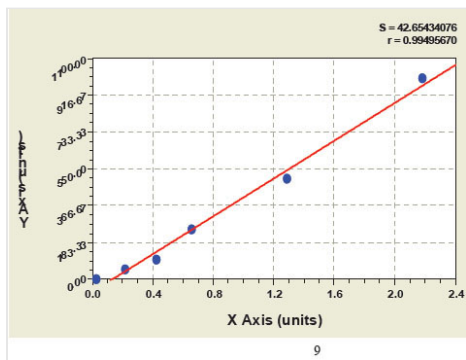
PRODUCT SYNONYMS

Recombination activating gene 1; Human Recombination activating gene 1 ELISA Kit; PAG 1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This PAG-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PAG-1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAG 1 elisa kit

Principle of the Assay: PAG-1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for PAG-1. Standards or samples are then added to the microtiter plate wells and PAG-1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of PAG-1 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for PAG-1 are added to each well to "sandwich" the PAG-1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain PAG-1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PAG-1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27806043
NCBI GeneID	281964
NCBI Accession #	NP_776836.1
NCBI GenBank Nucleotide #	NM_174411.2
Molecular Weight	42,847 Da
NCBI Official Full Name	pregnancy-associated glycoprotein 1
NCBI Official Symbol	PAG1
NCBI Official Synonym Symbols	PAG1B
NCBI Protein Information	pregnancy-associated glycoprotein 1; PAG 1; PSP-B; pregnancy-specific protein B
UniProt Protein Name	Pregnancy-associated glycoprotein 1
UniProt Gene Name	PAG 1
UniProt Synonym Gene Names	PSP-B
UniProt Entry Name	PAG1_BOVIN

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://stage.aaabiotech.com/pag-1-human-elisa-kits/recombination-activating-gene-1/86424>