

Guinea Pig Soluble adhesion molecules ELISA Kit | Sam elisa kit

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CATALOG #
AAA82206

REACTIVITY
Guinea Pig

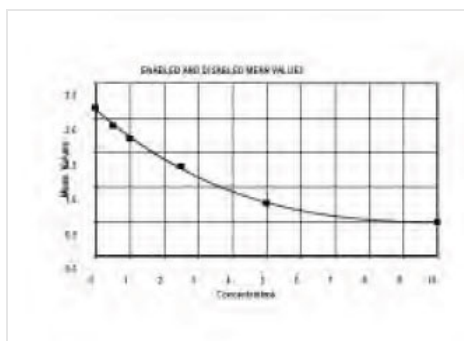
PRODUCT SYNONYMS

Soluble adhesion molecules; Guinea pig Soluble adhesion molecules ELISA Kit; Sam elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Cell culture fluid, body fluid, tissue homogenate, serum and blood plasma
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Sam elisa kit

For Samples: Cell culture fluid, body fluid, tissue homogenate, serum and blood plasma

Intended Uses: This SAM ELISA kit is intended for laboratory research use only. The stop solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of SAM in the sample, this SAM ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus SAM concentration. The concentration of in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: The coated well immunoenzymatic assay for the quantitative measurement of SAM utilizes a monoclonal anti-SAM antibody and an SAM-HRP conjugate. The assay sample and buffer are incubated together with SAM-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SAM concentration since SAM from samples and SAM-HRP conjugate compete for the anti-SAM antibody binding site. Since the number of sites is limited, as more sites are occupied by SAM from the sample, fewer sites are left to bind SAM-HRP conjugate. Standards of known SAM concentrations are run concurrently with the samples being assayed and a standard curve is plotted relating the intensity of the color (Optical Density) to the concentration of SAM. The SAM concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	169261412
Molecular Weight	28,482 Da
NCBI Official Full Name	SaM+
UniProt Protein Name	SaM+
UniProt Gene Name	SaM+
UniProt Entry Name	B6RRX4_ORYSI

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/sam-guinea-pig-pig-elisa-kits/soluble-adhesion-molecules/82206>