

## Guinea Pig Soluble Leukocyte antigen G ELISA Kit | sHLA-G elisa kit

Guinea pig Soluble Leukocyte antigen G ELISA Kit

CATALOG #  
**AAA82202**

REACTIVITY  
**Guinea Pig**

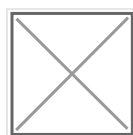
### PRODUCT SYNONYMS

Soluble Leukocyte antigen G; Guinea pig Soluble Leukocyte antigen G ELISA Kit; sHLA-G elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Guinea Pig                                                                                                                                                                                  |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                  |
| Assay Type              | Competitive                                                                                                                                                                                 |
| Sensitivity             | 1.0 pg/mL.                                                                                                                                                                                  |
| Intended Uses           | This SLAG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig SLAG. 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 sHLA-G elisa kit | <p><b>Principle of the assay:</b> SLAG ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SLAG antibody and an SLAG-HRP conjugate. The assay sample and buffer are incubated together with SLAG-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 SLAG concentration since SLAG from samples and SLAG-HRP conjugate compete for the anti-SLAG antibody binding site. Since the number of sites is limited, as more sites are occupied by SLAG from the sample, fewer sites are left to bind SLAG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SLAG concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for sHLA-G elisa kit   | Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

### NCBI AND UNIPROT INFORMATION

|                  |           |
|------------------|-----------|
| NCBI GI #        | 13633915  |
| NCBI GeneID      | 4086      |
| Molecular Weight | 52,260 Da |

|                                  |                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Official Full Name          | Mothers against decapentaplegic homolog 1                                                                                                                                                                                                                                                                                                   |
| NCBI Official Synonym Full Names | SMAD family member 1                                                                                                                                                                                                                                                                                                                        |
| NCBI Official Symbol             | SMAD1                                                                                                                                                                                                                                                                                                                                       |
| NCBI Official Synonym Symbols    | BSP1; JV41; BSP-1; JV4-1; MADH1; MADR1                                                                                                                                                                                                                                                                                                      |
| NCBI Protein Information         | mothers against decapentaplegic homolog 1; MAD homolog 1; Mad-related protein 1; TGF-beta signaling protein 1; mothers against DPP homolog 1; SMAD, mothers against DPP homolog 1; MAD, mothers against decapentaplegic homolog 1; transforming growth factor-beta signaling protein 1; transforming growth factor-beta-signaling protein 1 |
| UniProt Protein Name             | Mothers against decapentaplegic homolog 1                                                                                                                                                                                                                                                                                                   |
| UniProt Gene Name                | <b>SMAD1</b>                                                                                                                                                                                                                                                                                                                                |
| UniProt Synonym Gene Names       | BSP1; MADH1; MADR1; MAD homolog 1; Mothers against DPP homolog 1; SMAD 1; Smad1; hSMAD1; BSP-1                                                                                                                                                                                                                                              |
| UniProt Entry Name               | SMAD1_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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/shla-g-guinea-pig-pig-elisa-kits/soluble-leukocyte-antigen-g/82202>