

## Rat KiSS-1 metastasis-suppressor ELISA Kit | KISS1 elisa kit

Rat Kisspeptin 1, KISS1 ELISA Kit

CATALOG #  
**AAA80620**

REACTIVITY  
**Rat**

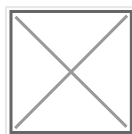
### PRODUCT SYNONYMS

KiSS-1 metastasis-suppressor; Rat Kisspeptin 1; KISS1 ELISA Kit; Rat Kisspeptin 1 (KISS1) ELISA Kit; KiSS-1; METASTIN; MGC39258; kisspeptin; malignant melanoma metastasis-suppressor; KISS1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                                                                                                                                                                                       |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Rat KISS1. No significant cross-reactivity or interference between Rat KISS1 and analogues was observed.                                                                                                                                       |
| Sequence Length         | 130                                                                                                                                                                                                                                                                                                                       |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV% is less than 8%<br>Three samples of known concentration were tested twenty times on one plate to assess.<br>Inter-assay Precision (Precision between assays): CV% is less than 10%<br>Three samples of known concentration were tested in twenty assays to assess. |
| Detection Wavelength    | 450 nm                                                                                                                                                                                                                                                                                                                    |
| Sample Volume           | 50-100ul                                                                                                                                                                                                                                                                                                                  |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                                                                                                                                                                         |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

**Related Product Information for KISS1 elisa kit**

**Principle of the Assay:** The microtiter plate provided in this kit has been pre-coated with an antibody specific to KISS1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for KISS1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain KISS1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of KISS1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

### NCBI AND UNIPROT INFORMATION

|             |          |
|-------------|----------|
| NCBI GI #   | 32140194 |
| NCBI GeneID | 289023   |

|                                  |                                                                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Accession #                 | <a href="#">NP_859043.1</a>                                                                                                                                |
| NCBI GenBank Nucleotide #        | <a href="#">NM_181692.1</a>                                                                                                                                |
| UniProt Accession #              | <a href="#">Q7TSB7</a>                                                                                                                                     |
| Molecular Weight                 | 14,188 Da                                                                                                                                                  |
| NCBI Official Full Name          | metastasis-suppressor KiSS-1                                                                                                                               |
| NCBI Official Synonym Full Names | KiSS-1 metastasis-suppressor                                                                                                                               |
| NCBI Official Symbol             | Kiss1                                                                                                                                                      |
| NCBI Official Synonym Symbols    | Eseptin                                                                                                                                                    |
| NCBI Protein Information         | metastasis-suppressor KiSS-1; metastin; kisspeptin-1; MLL septin-like fusion; Kiss1 variant E1a-E2b-E3; Kiss1 variant E1b-E2a-E3; Kiss1 variant E1b-E2b-E3 |
| UniProt Protein Name             | Metastasis-suppressor KiSS-1                                                                                                                               |
| UniProt Gene Name                | <b>Kiss1</b>                                                                                                                                               |
| UniProt Entry Name               | KISS1_RAT                                                                                                                                                  |

**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/kiss1-rat-elisa-kits/kiss-1-metastasis-suppressor/80620>