

## Mouse Nanog homeobox ELISA Kit | Nanog elisa kit

Mouse NANOG Homeobox protein, NANOG ELISA Kit

|                               |                            |
|-------------------------------|----------------------------|
| CATALOG #<br><b>AAA180457</b> | REACTIVITY<br><b>Mouse</b> |
|-------------------------------|----------------------------|

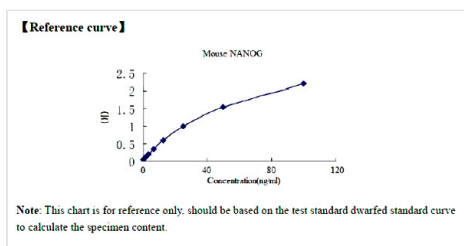
### PRODUCT SYNONYMS

Nanog homeobox; Mouse NANOG Homeobox protein; NANOG ELISA Kit; Nanog elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                |
| Specificity             | No cross-reaction with other factors.                                                                                |
| Samples                 | Mouse serum, plasma or Cell Culture Supernatant and organizations in the natural and recombinant NANOG concentration |
| Assay Type              | Sandwich                                                                                                             |
| Detection Range         | 100 ng/ml-1.56 ng/ml                                                                                                 |
| Sensitivity             | 0.5 ng/ml.                                                                                                           |
| Intra-assay Precision   | <= 8%                                                                                                                |
| Inter-assay             | <= 12%                                                                                                               |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                  |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Nanog elisa kit | <p><b>Principle of the assay:</b> This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Mouse NANOG monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.</p> |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|             |           |
|-------------|-----------|
| NCBI GI #   | 577019513 |
| NCBI GeneID | 71950     |

|                                  |                                                                                                                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Accession #                 | NP_001276757.1                                                                                                                                                                                   |
| NCBI GenBank Nucleotide #        | NM_001289828.1                                                                                                                                                                                   |
| UniProt Accession #              | Q80Z64; Q6SMR1; Q7TN85; Q5TM83                                                                                                                                                                   |
| Molecular Weight                 | 34,240 Da                                                                                                                                                                                        |
| NCBI Official Full Name          | homeobox protein NANOG isoform 2                                                                                                                                                                 |
| NCBI Official Synonym Full Names | Nanog homeobox                                                                                                                                                                                   |
| NCBI Official Symbol             | Nanog                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | ENK; ecat4; 2410002E02Rik                                                                                                                                                                        |
| NCBI Protein Information         | homeobox protein NANOG; ES cell-associated protein 4; homeobox transcription factor Nanog; early embryo specific expression NK family; early embryo specific expression NK-type homeobox protein |
| UniProt Protein Name             | Homeobox protein NANOG                                                                                                                                                                           |
| UniProt Gene Name                | <b>Nanog</b>                                                                                                                                                                                     |
| UniProt Synonym Gene Names       | Ecat4; Enk                                                                                                                                                                                       |
| UniProt Entry Name               | NANOG_MOUSE                                                                                                                                                                                      |

**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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