

## Rat HA (Hyaluronic Acid) ELISA Kit | HA elisa kit

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CATALOG #  
**AAA248399**

REACTIVITY  
**Rat**

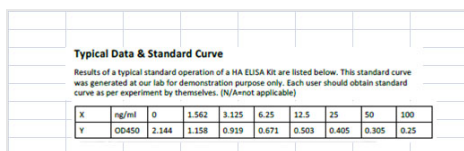
### PRODUCT SYNONYMS

HA (Hyaluronic Acid); Rat HA (Hyaluronic Acid) ELISA Kit; Hyaluronic Acid; HA elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                                                                     |
| Specificity             | This assay has high sensitivity and excellent specificity for detection ofGNRH. No significant cross-reactivity or interference betweenGNRH and analogues is observed.                                  |
| Assay Type              | Competitive ELISA, Coated with Antigen                                                                                                                                                                  |
| Samples                 | Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples                                                                                                                    |
| Detection Range         | 1.563-100ng/ml                                                                                                                                                                                          |
| Sensitivity             | 0.938ng/ml                                                                                                                                                                                              |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high levelGNRHwere tested 20 times on one plate, respectively. Intra-Assay: CV<8%                                     |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): 3 samples with low, middle and high levelGNRHwere tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10% |
| Preparation and Storage | Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C                                            |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for HA elisa kit

Principle of the Assay: This kit was based on Competitive-ELISA detection method. The microtiter plate provided in this kit has been pre-coated with GNRH. During the reaction, GNRH in the sample or standard competes with a fixed amount of GNRH on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to GNRH. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin(SABC) is added to each microplate well and incubated. Then TMB substrate solution is added to each well. 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. The concentration of GNRH in the samples is then determined by comparing the O D of the samples to the standard curve.

**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.

