

## Rat IgM ELISA Kit

Rat IgM ELISA Kit

CATALOG #  
AAA76944REACTIVITY  
Rat

### PRODUCT SYNONYMS

Rat IgM; Rat IgM ELISA Kit; Rat IgM elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                |
| Samples                 | Immunoperoxidase Assay for Determination of IgM in Rat Samples                                                                     |
| Assay Type              | Sandwich                                                                                                                           |
| Intended Uses           | The IgM test kit is a highly sensitive two-site enzyme linked immunoassay (ELISA) for measuring IgM in biological samples of rats. |
| Preparation and Storage | Store at 4 degree C.                                                                                                               |

### ADDITIONAL INFORMATION

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|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Rat IgM elisa kit | <b>Principle of the Assay:</b> The principle of the double antibody sandwich ELISA is represented in Figure 1. In this assay the IgM present in samples reacts with the anti-IgM antibodies which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, anti-IgM antibodies conjugated with horseradish peroxidase (HRP), are added. These enzyme-labeled antibodies form complexes with the previously bound IgM. Following another washing step, the enzyme bound to the immunosorbent is assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of IgM in the sample tested; thus, the absorbance, at 450 nm, is a measure of the concentration of IgM in the test sample. The quantity of IgM in the test sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution. |
| Product Categories/Family for Rat IgM elisa kit   | ELISA Kit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

### NCBI AND UNIPROT INFORMATION

|                         |        |
|-------------------------|--------|
| NCBI GI #               | 685030 |
| NCBI Official Full Name | IgM    |

**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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