

## Mouse Tyrosinase ELISA Kit | Tyr elisa kit

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CATALOG #  
**AAA194933**

REACTIVITY  
**Mouse**

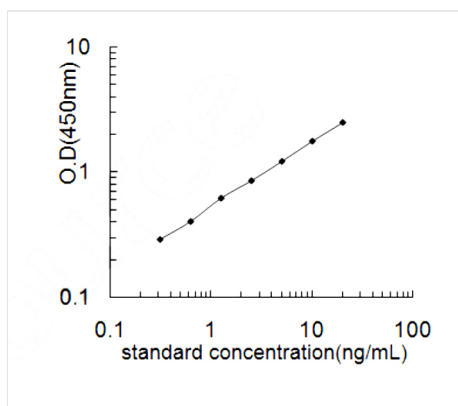
### PRODUCT SYNONYMS

Tyrosinase; Mouse Tyrosinase ELISA Kit; Albino locus protein; Monophenol monooxygenase; Tyr; 1.14.18.1; Tyr elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                 |
| Specificity             | Recombinant and natural Mouse Tyrosinase                                              |
| Sequence Length         | 533                                                                                   |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Detection Range         | 0.312-20 ng/mL                                                                        |
| Sensitivity             | < 0.164 ng/mL                                                                         |
| Intra-assay Precision   | <=4.9%                                                                                |
| Inter-assay Precision   | <=7.4%                                                                                |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Tyr elisa kit | <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.</p> |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                        |
|----------------------------------|------------------------|
| NCBI GI #                        | 6755913                |
| NCBI GeneID                      | 22173                  |
| NCBI Accession #                 | NP_035791.1            |
| NCBI GenBank Nucleotide #        | NM_011661.5            |
| UniProt Accession #              | P11344                 |
| Molecular Weight                 | 60,606 Da              |
| NCBI Official Full Name          | tyrosinase isoform 1   |
| NCBI Official Synonym Full Names | tyrosinase             |
| NCBI Official Symbol             | Tyr                    |
| NCBI Official Synonym Symbols    | c; Oca1; skc35; albino |
| NCBI Protein Information         | tyrosinase             |
| UniProt Protein Name             | Tyrosinase             |
| UniProt Gene Name                | Tyr                    |
| UniProt Entry Name               | TYRO_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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Online datasheet: <https://stage.aaabiotech.com/tyr-mouse-elisa-kits/tyrosinase/194933>