

## Monkey Heme Oxygenase 1, Decycling ELISA Kit | HO1 elisa kit

Monkey Heme Oxygenase 1, Decycling ELISA Kit

CATALOG #  
**AAA91197**

REACTIVITY  
**Monkey**

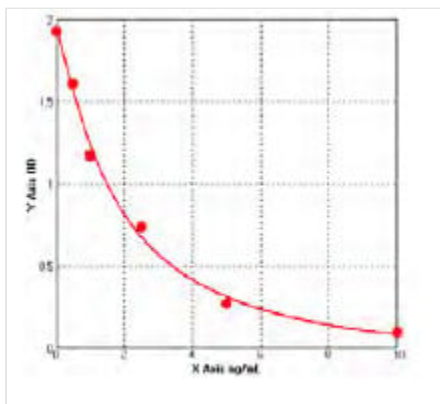
### PRODUCT SYNONYMS

Heme Oxygenase 1; Decycling; Monkey Heme Oxygenase 1; Decycling ELISA Kit; HO1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                     |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type              | Competitive                                                                |
| Detection Range         | 0.5-10ng/mL                                                                |
| Sensitivity             | 0.1ng/mL                                                                   |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for HO1 elisa kit | <p>Intended Uses: This HO-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey HO-1. This ELISA kit for research use only!</p> <p>Principle of the Assay: HO-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-HO-1 antibody and an HO-1-HRP conjugate. The assay sample and buffer are incubated together with HO-1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HO-1 concentration since HO-1 from samples and HO-1-HRP conjugate compete for the anti-HO-1 antibody binding site. Since the number of sites is limited, as more sites are occupied by HO-1 from the sample, fewer sites are left to bind HO-1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HO-1 concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for HO1 elisa kit   | Neurobiology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| NCBI GI #                        | 6981032                                          |
| NCBI GeneID                      | 24451                                            |
| NCBI Accession #                 | NP_036712.1                                      |
| NCBI GenBank Nucleotide #        | NM_012580.2                                      |
| Molecular Weight                 | 33,006 Da                                        |
| NCBI Official Full Name          | heme oxygenase 1                                 |
| NCBI Official Synonym Full Names | heme oxygenase (decycling) 1                     |
| NCBI Official Symbol             | Hmox1                                            |
| NCBI Official Synonym Symbols    | Ho1; Heox; Hmox; Ho-1; HEOXG; hsp32              |
| NCBI Protein Information         | heme oxygenase 1; heme oxygenase (decyclizing) 1 |
| UniProt Protein Name             | Heme oxygenase 1                                 |
| UniProt Gene Name                | <b>Hmox1</b>                                     |
| UniProt Synonym Gene Names       | HO-1                                             |
| UniProt Entry Name               | HMOX1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/ho1-monkey-elisa-kits/heme-oxygenase-1-decycling/91197>