

## Rat Cyclooxygenase 2 ELISA Kit | PTGS2 elisa kit

Rat Cyclooxygenase 2 ELISA Kit

CATALOG #  
**AAA209540**

REACTIVITY  
**Rat**

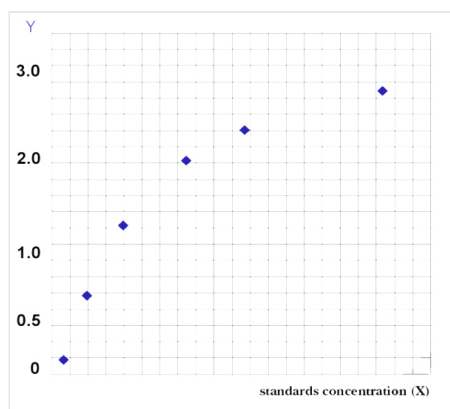
### PRODUCT SYNONYMS

Cyclooxygenase 2; Rat Cyclooxygenase 2 ELISA Kit; PTGS2 elisa kit

### PRODUCT SPECIFICATIONS

|                       |                                  |
|-----------------------|----------------------------------|
| Reactivity            | Rat                              |
| Sequence Length       | 604                              |
| Sensitivity           | 0.1 ng/mL                        |
| Intra-assay Precision | Intra-assay CV is less than 15%. |
| Inter-assay Precision | Inter-assay CV is less than 15%. |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for PTGS2 elisa kit

Intended Uses: This COX-2 ELISA kit is intended Laboratory for Research use only and is not for use in test or therapeutic procedures. The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of COX-2 in the sample, this COX-2 ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus COX-2 concentration. The concentration of COX-2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

### NCBI AND UNIPROT INFORMATION

|                         |                  |
|-------------------------|------------------|
| NCBI GI #               | 308311788        |
| NCBI GeneID             | 442942           |
| NCBI Official Full Name | cyclooxygenase 2 |

|                                  |                                       |
|----------------------------------|---------------------------------------|
| NCBI Official Synonym Full Names | prostaglandin-endoperoxide synthase 2 |
| NCBI Official Symbol             | PTGS2                                 |
| NCBI Official Synonym Symbols    | COX-2                                 |
| NCBI Protein Information         | prostaglandin G/H synthase 2          |

**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/rat-elisa-kits/cyclooxygenase-2/209540>