

## Datasheet for ABIN5690941 **PTGIS ELISA Kit**

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### Overview

|              |                |
|--------------|----------------|
| Quantity:    | 96 tests       |
| Target:      | PTGIS          |
| Reactivity:  | Human          |
| Method Type: | Sandwich ELISA |
| Application: | ELISA          |

### Product Details

|                    |                                                                                                                                                                                                                                                                              |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:           | Human PTGIS ELISA Kit.                                                                                                                                                                                                                                                       |
| Sample Type:       | Cell Culture Supernatant, Cell Samples, Plasma, Serum, Tissue Lysate                                                                                                                                                                                                         |
| Analytical Method: | Quantitative                                                                                                                                                                                                                                                                 |
| Detection Method:  | Colorimetric                                                                                                                                                                                                                                                                 |
| Specificity:       | This ELISA antibody pair recognizes Human PTGIS.                                                                                                                                                                                                                             |
| Characteristics:   | <ul style="list-style-type: none"><li>• Strip plates and additional reagents allow for use in multiple experiments</li><li>• Quantitative protein detection</li><li>• Establishes normal range</li><li>• The best products for confirmation of antibody array data</li></ul> |
| Components:        | <ul style="list-style-type: none"><li>• Pre-Coated 96-well Strip Microplate</li><li>• Wash Buffer</li><li>• Stop Solution</li><li>• Assay Diluent(s)</li><li>• Lyophilized Standard</li><li>• Biotinylated Detection Antibody</li></ul>                                      |

## Product Details

- Streptavidin-Conjugated HRP
- TMB One-Step Substrate

Material not included:

- Distilled or deionized water
- Precision pipettes to deliver 2 µL to 1 µL volumes
- Adjustable 1-25 µL pipettes for reagent preparation
- 100 µL and 1 liter graduated cylinders
- Tubes to prepare standard and sample dilutions
- Absorbent paper
- Microplate reader capable of measuring absorbance at 450nm
- Log-log graph paper or computer and software for ELISA data analysis

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | PTGIS                                    |
| Alternative Name: | PTGIS ( <a href="#">PTGIS Products</a> ) |
| Gene ID:          | 5740                                     |
| UniProt:          | <a href="#">Q16647</a>                   |

## Application Details

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Plate:    | Pre-coated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Protocol: | <ol style="list-style-type: none"><li>1. Prepare all reagents, samples and standards as instructed in the manual.</li><li>2. Add 100 µL of standard or sample to each well.</li><li>3. Incubate 2.5 h at RT or O/N at 4 °C.</li><li>4. Add 100 µL of prepared biotin antibody to each well.</li><li>5. Incubate 1 h at RT.</li><li>6. Add 100 µL of prepared Streptavidin solution to each well.</li><li>7. Incubate 45 min at RT.</li><li>8. Add 100 µL of TMB One-Step Substrate Reagent to each well.</li><li>9. Incubate 30 min at RT.</li><li>10. Add 50 µL of Stop Solution to each well.</li><li>11. Read at 450 nm immediately.</li></ol> |

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|          |      |
|----------|------|
| Storage: | 4 °C |
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Handling

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Expiry Date: 6 months