

Datasheet for ABIN2540660  
**Serotonin Receptor 1A ELISA Kit**



[Go to Product page](#)

## Overview

|                          |                               |
|--------------------------|-------------------------------|
| Quantity:                | 96 tests                      |
| Target:                  | Serotonin Receptor 1A (HTR1A) |
| Reactivity:              | Human                         |
| Method Type:             | Sandwich ELISA                |
| Detection Range:         | 0.156 ng/mL - 10 ng/mL        |
| Minimum Detection Limit: | 0.156 ng/mL                   |
| Application:             | ELISA                         |

## Product Details

|                    |                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:           | <p>Human HTR1A ELISA Kit is a sandwich ELISA kit for use with Tissue homogenates and other biological fluids. This assay has high sensitivity and excellent specificity for detection of 5-Hydroxytryptamine Receptor 1A (HTR1A)</p> <p>No significant cross-reactivity or interference between 5-Hydroxytryptamine Receptor 1A (HTR1A) and analogues was observed.</p> |
| Sample Type:       | Tissue Homogenate                                                                                                                                                                                                                                                                                                                                                       |
| Analytical Method: | Quantitative                                                                                                                                                                                                                                                                                                                                                            |
| Detection Method:  | Colorimetric                                                                                                                                                                                                                                                                                                                                                            |
| Specificity:       | This assay has high sensitivity and excellent specificity for detection of 5-Hydroxytryptamine Receptor 1A (HTR1A)                                                                                                                                                                                                                                                      |
| Sensitivity:       | < 0.059 ng/mL                                                                                                                                                                                                                                                                                                                                                           |

## Target Details

---

|                   |                                                                                                            |
|-------------------|------------------------------------------------------------------------------------------------------------|
| Target:           | Serotonin Receptor 1A (HTR1A)                                                                              |
| Alternative Name: | 5-Hydroxytryptamine Receptor 1A (HTR1A) ( <a href="#">HTR1A Products</a> )                                 |
| Pathways:         | <a href="#">JAK-STAT Signaling</a> , <a href="#">Synaptic Membrane</a> , <a href="#">Feeding Behaviour</a> |

## Application Details

---

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | <p>Stability: The stability of the kit is determined by the rate of activity loss. The loss rate is less than 5 % within the expiration date under appropriate storage conditions. To minimize performance fluctuations, operation procedures and lab conditions should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same user throughout.</p> <p>Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.</p> <p>Standard Form: Lyophilized</p> |
| Comment:           | <p>The stability of the kit is determined by the rate of activity loss. The loss rate is less than 5% within the expiration date under appropriate storage conditions. - minimize performance fluctuations, operation procedures and lab conditions should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same user throughout.</p>                                                                                                                                                     |
| Plate:             | Pre-coated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## Handling

---

|                  |                                                                                       |
|------------------|---------------------------------------------------------------------------------------|
| Storage:         | 4 °C/-20 °C                                                                           |
| Storage Comment: | Upon receipt, store the kit according to the storage instruction in the kit's manual. |
| Expiry Date:     | 6 months                                                                              |