

## Mouse Viperin ELISA Kit | Rsad2 elisa kit

Mouse Viperin ELISA Kit

CATALOG #  
**AAA68457**

REACTIVITY  
**Mouse**

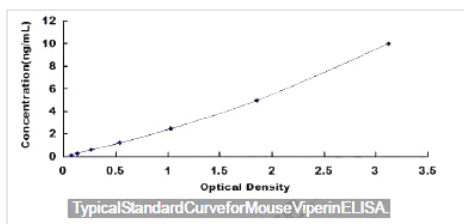
### PRODUCT SYNONYMS

Viperin; Mouse Viperin ELISA Kit; Cig5; RSAD2; vig1; Radical S-Adenosyl Methionine Domain Containing 2; Endoplasmic Reticulum-Associated; Interferon-Inducible; Cytomegalovirus-induced gene 5; Rsad2 elisa kit

### PRODUCT SPECIFICATIONS

|                       |                                                                                                                                                                                                             |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity            | Mouse                                                                                                                                                                                                       |
| Specificity           | This assay has high sensitivity and excellent specificity for detection of Viperin. No significant cross-reactivity or interference between Viperin and analogues was observed.                             |
| Sequence Length       | 362                                                                                                                                                                                                         |
| Samples               | Serum, plasma, tissue homogenates or other biological fluids                                                                                                                                                |
| Assay Type            | Quantitative Sandwich                                                                                                                                                                                       |
| Detection Range       | 0.156-10ng/mL                                                                                                                                                                                               |
| Sensitivity           | <0.072ng/mL.                                                                                                                                                                                                |
| Intra-assay Precision | Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Viperin were tested 20 times on one plate, respectively. Intra-Assay: CV<10%                                   |
| Inter-assay Precision | Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Viperin were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12% |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Rsad2 elisa kit | <p>Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of Viperin in mouse serum, plasma, tissue homogenates or other biological fluids.</p> <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Viperin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to Viperin. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Viperin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Viperin in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 31543946                                                                                       |
| NCBI GeneID                      | 58185                                                                                          |
| NCBI Accession #                 | NP_067359.2                                                                                    |
| NCBI GenBank Nucleotide #        | NM_021384.4                                                                                    |
| UniProt Accession #              | Q8CBB9; Q3U5I6; Q3U5T4; Q3U622; Q3U627; Q3U7I6; Q3U7M1; Q3U8F4; Q3U8U7; Q3U941; Q3U977; Q3U9E1 |
| Molecular Weight                 | 41,524 Da                                                                                      |
| NCBI Official Full Name          | radical S-adenosyl methionine domain-containing protein 2                                      |
| NCBI Official Synonym Full Names | radical S-adenosyl methionine domain containing 2                                              |
| NCBI Official Symbol             | Rsad2                                                                                          |
| NCBI Official Synonym Symbols    | Vig1; cig5; 2510004L01Rik                                                                      |
| NCBI Protein Information         | radical S-adenosyl methionine domain-containing protein 2                                      |
| UniProt Protein Name             | Radical S-adenosyl methionine domain-containing protein 2                                      |
| UniProt Gene Name                | Rsad2                                                                                          |

**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.