

IS-I-0100R

## Quinolinic Acid ELISA kit

The Quinolinic Acid ELISA kit is optimized for sensitive quantification of the neurotoxin quinolinic acid (QA, also known as QUIN) in serum or plasma. This user-friendly competitive assay works equally well for small pilot studies and high-throughput projects. It requires only 25 µL of sample per well and is species-independent, making it suitable for both pre-clinical and clinical research. The kit has already been used to measure QA in mouse and human plasma, serum, and cell-culture supernatants across studies on cancer, cardiovascular disease, and neuroinflammatory conditions such as bipolar disorder, multiple sclerosis, and autism spectrum disorder.

[Cited in 13 papers](#)



|                                        |                                                                                                                                                                                                                 |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sample type</b>                     | Serum, Plasma                                                                                                                                                                                                   |
| <b>Capacity</b>                        | 96 tests                                                                                                                                                                                                        |
| <b>Sensitivity</b>                     | < 6ng/mL                                                                                                                                                                                                        |
| <b>Range</b>                           | 25 – 2000ng/mL                                                                                                                                                                                                  |
| <b>Assay time</b>                      | Sample acylation (120 min), overnight incubation, ELISA revelation & read step (1h)                                                                                                                             |
| <b>Reactivity</b>                      | Reacts with all species                                                                                                                                                                                         |
| <b>Application</b>                     | Research use only                                                                                                                                                                                               |
| <b>Storage</b>                         | Store at 2-8°C for to 6 months                                                                                                                                                                                  |
| <b>Sample collection &amp; storage</b> | Serum: Do not use lipemic, haemolytic samples, as well as samples containing precipitates or fibrin strands. Plasma (Heparin). Store samples at 2-8°C for up to 48h or -20°C for longer period (up to 6 months) |
| <b>Sample preparation</b>              | Sample acylation (120 min)                                                                                                                                                                                      |
| <b>ELISA</b>                           | Quinolinic acid antiserum overnight incubation, revelation, and read steps (1h)                                                                                                                                 |

To see data, publications, and download instructions for use and MSDS, visit:

<https://www.immusmol.com/product/quinolinic-acid-elisa-kit/>