

BA-E-8900

Fast Serotonin ELISA kit - Serum and Urine

The Fast Serotonin ELISA Kit is a reliable assay (LC-MS cross-validation) designed for the quantitative measurement of 5-hydroxytryptamine (serotonin) in serum and urine in just 2 hours and 15 minutes. Applicable to any species, the kit has been cited in peer-reviewed publications for quantifying serotonin in human samples, for instance in the context of autism and post-traumatic stress disorder (PTSD). With low minimal sample volume of 20µL, it has also been successfully applied to human, rat, mouse, and chicken samples.

[Cited in 5 papers](#)



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| Sample type | Serum, Urine |
| Capacity | 96 tests |
| Sensitivity | 5.9 ng/mL |
| Range | 0 / 15 - 2,500 ng/mL |
| Assay time | 2h15min |
| Reactivity | Reacts with all species |
| Application | Research, In vitro diagnostics (IVD only in EU) |
| Storage | Store at 2-8°C for to 6 months |
| Sample collection & storage | Serum: Do not use haemolytic and especially lipemic samples. Storage: up to 6 hours at 2 - 8°C; for longer periods (up to 6 months) at - 20°C Urine: Spontaneous or 24-hours urine, collected in a bottle containing 10-15 mL of 6 M HCl. Storage: for longer periods (up to 6 months) at -20°C |
| Sample preparation | Sample acylation (15 min) |
| ELISA | Serotonin antiserum incubation (90min), revelation and read steps (25min) |

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

<https://www.immusmol.com/product/fast-serotonin-elisa-kit-serum-urine/>