

BA-E-3300R

Melatonin ELISA kit

The Melatonin ELISA kit allows for the easy and accurate quantification of N-acetyl-5-methoxy-tryptamine (melatonin) in plasma and serum samples. With a detection limit of 1.6 pg/mL, the kit enables the measurement of melatonin in blood during both daytime (0 to 20 pg/mL) and nighttime (40 to 100 pg/mL).



Sample type	Plasma or serum
Capacity	96-well plate
Sensitivity	1,6 pg/mL
Range	0/3 - 300 pg/mL
Assay time	Sample extraction (15 min), incubation (overnight), ELISA (3h)
Reactivity	Reacts with all species
Application	Research use
Material required	Evaporator centrifuge (Speed-Vac) or sample concentrator by use of nitrogen (e.g. Techne)
 Storage	Store at 2-8°C for to 6 months
Sample collection & storage	EDTA or Heparin plasma or serum samples only. Do not use haemolytic, icteric or lipemic samples. Storage: up to 24 hours at 2 - 8°C; for longer periods (up to 3 months) at - 20°C
Sample preparation	Sample preparation, extraction and acylation (15min)
ELISA	Melatonin antiserum incubation (overnight), revelation and read steps (3h)

To see data, publications, and download instructions for use and MSDS, visit:
<https://www.immusmol.com/product/melatonin-elisa-kit-highly-sensitive-serum-plasma-samples/>