

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).



<b>Sample type</b>	Plasma or serum
<b>Capacity</b>	96-well plate
<b>Sensitivity</b>	1,6 pg/mL
<b>Range</b>	0/3 – 300 pg/mL
<b>Assay time</b>	Sample extraction (15 min), incubation (overnight), ELISA (3h)
<b>Reactivity</b>	Reacts with all species
<b>Application</b>	Research use
<b>Material required</b>	Evaporator centrifuge (Speed-Vac) or sample concentrator by use of nitrogen (e.g. Techne)
<b>Storage</b>	Store at 2-8°C for to 6 months
<b>Sample collection &amp; storage</b>	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
<b>Sample preparation</b>	Sample preparation, extraction and acylation (15min)
<b>ELISA</b>	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/>