



[Go to Product page](#)

Datasheet for ABIN5067888  
**Melatonin Sulfate ELISA Kit**

### Overview

Quantity:	96 tests
Target:	Melatonin Sulfate (MS)
Reactivity:	Human
Method Type:	Competition ELISA
Application:	ELISA

### Product Details

Purpose:	Enzyme immunoassay for the quantitative determination of melatonin sulfate in human urine.
Sample Type:	Urine
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Sensitivity:	1 ng/mL
Characteristics:	Melatonin Sulfate, Human (6-Hydroxymelatonin Sulfate, 6-Sulfatoxymelatonin) ELISA Kit
Components:	<ul style="list-style-type: none"><li>• Microtiter Plate, 1x96 wells</li><li>• PAB, 1x200ul</li><li>• Melatonin Sulfate (HRP), 40x, 1x200ul</li><li>• Standard, 0ng/ml, 1x100ul</li><li>• Standard, 1.7ng/ml, 1x100ul</li><li>• Standard, 5.2ng/ml, 1x100ul</li><li>• Standard, 15.6ng/ml, 1x100ul</li><li>• Standard, 46.7ng/ml, 1x100ul</li><li>• Standard, 140ng/ml, 1x100ul</li><li>• 0: Standard, 420ng/ml, 1x100ul</li></ul>

## Product Details

---

- 1: Low Control 1, 1x100ul
- 2: High Control 2, 1x100ul
- 3: Assay Buffer, 1x60ml
- 4: Wash Buffer, 20x, 1x50ml
- 5: TMB Substrate, 1x12ml
- 6: Stop Solution, 1M O4, 1x12ml

## Target Details

---

Target: Melatonin Sulfate (MS)

Alternative Name: Melatonin Sulfate ([MS Products](#))

## Application Details

---

Protocol:

Principle:

- Solid phase enzyme-linked immunosorbent assay (ELISA) based on the competition principle. An unknown amount of antigen present in the sample and a fixed amount of enzyme labelled antigen compete for the binding sites of the antibodies coated onto the wells. After incubation the wells are washed to stop the competition reaction. After the substrate reaction the intensity of the developed color is inversely proportional to the amount of the antigen in the sample. Results of samples can be determined directly using the standard curve.

Restrictions:

For Research Use only

## Handling

---

Storage: 4 °C

Storage Comment: 4°C