

AR-E-8000R

## Rat & Mouse Testosterone ELISA kit

The Rat & Mouse Testosterone ELISA kit (Ref: AR-E-8000R) is a high-performance, solid-phase competitive immunoassay specifically engineered for the quantitative measurement of testosterone in rodent serum or EDTA plasma. Tailored for preclinical studies and validated against normal ranges for Sprague-Dawley rats and BL6N/CD1 mice, this kit provides a critical tool for researchers investigating male and female reproductive health, muscle development, cardiovascular integrity, and bone density in animal models. The assay is optimized for the small sample volumes typical of rodent research, requiring only 10  $\mu$ L of matrix per well.



<b>Sample type</b>	Rodent serum or EDTA plasma
<b>Capacity</b>	96-well plate
<b>Minimal sample volume</b>	10 $\mu$ L
<b>Sensitivity</b>	0.024 ng/mL
<b>Range</b>	0/0.1 – 25 ng/mL
<b>Assay time</b>	90 min
<b>Reactivity</b>	Rat, Mouse
<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/EDTA Plasma: analyze samples immediately or aliquot them for storage at -20°C. Samples expected to contain Testosterone concentrations higher than the highest calibrator (25 ng/ml) should be diluted with the Calibrator 0 before assayed.
<b>Sample preparation</b>	Enzymatic conjugation (60 min)
<b>ELISA</b>	Incubation, revelation, and read steps (30 min)

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

<https://www.immusmol.com/product/rat-mouse-testosterone-elisa-kit/>