



TRAP5b

For *In Vitro* Diagnostic Use – For export only. Not for use in the U.S.

The MicroVue TRAP5b EIA provides quantitative measurement of tartrate-resistant acid phosphatase isoform 5b (TRAcP 5b) in Human Serum and Plasma.

Format

- ELISA
- 96-well assay plate
- Sample type: EDTA or Heparin plasma and serum
- Controls: High, low included

Species Reactivity

- Reactive with human derived TRAP5b
- No reactivity detected in Cow, Goat, Mouse, Rabbit, Rat, and Sheep

Assay Steps

- Add 100 μ L of Sample Diluent
- Add 50 μ L of Standards, Controls and specimens
- Seal the microplate. Incubate for 60 minutes at 18°C to 28°C on a microplate shaker
- Wash the microplate wells 3 times with Wash Buffer
- Add 100 μ L of Substrate Solution
- Seal the microplate. Incubate for 60 minutes at 37°C
- Add 50 μ L Stop Solution
- Measure absorbance at 405 nm

Assay Performance

Method: ELISA

Analyte: Tartrate-resistant acid phosphatase isoform 5b (TRAcP5b)

Specimen Volume: 50 μ L

Limit of Detection: 0.2 U/L

Assay Range: 0.2-15 U/L

Precision (inter-assay): 2.0%-3.8%

Precision (intra-assay): 1.9%-2.2%

Assay Time: Approx. 2 hours