
The MicroVue CICP EIA provides a quantitative measure of CICP (propeptide of type I Collagen) in serum and may be useful as an indicator of collagen production. CICP is also known as PICP.

**Format**
- ELISA
- 96-well microplate with reagents sufficient to test 40 samples in duplicate
- Sample type: Serum
- Controls: High, low

**Species Reactivity**
- Rabbit, Cynomolgus Macaque, Sheep, Human
- Human cell cultures
- No recognition of Rat, Dog, Goat or Horse

**Specimen – Serum**
- Serum collected to avoid hemolysis

**Assay Steps**
- Dilute samples 1:12
- Add 100 µL Standards, Controls and diluted Samples
- Incubate 120 ± 5 minutes at 18°C to 25°C
- Wash 3 times with 1X Wash Buffer
- Add 100 µL Rabbit anti-CICP
- Incubate 45-50 minutes at 18°C to 25°C
- Wash 3 times with 1X Wash Buffer
- Add 100 µL Enzyme Conjugate
- Incubate 45-50 minutes at 18°C to 25°C
- Wash 3 times with 1X Wash Buffer
- Add 100 µL Working Substrate Solution
- Incubate 30-35 minutes at 18°C to 25°C
- Add 50 µL Stop Solution
- Measure absorbance at 405 nm

**Assay Performance**
- **Method**: ELISA
- **Analyte**: Collagen type I C-terminal propeptide
- **Specimen Volume**: Minimum of 25 µL
- **Limit of Detection**: 0.2 ng/mL
- **Precision CVs (inter-assay)**: 5.0%-7.2%
- **Precision CVs (intra-assay)**: 5.5%-6.8%
- **Assay Time**: Approx. 5 Hours
- **Specificity**: CICP 100%

Also available:
- CICP Controls (set of 4) – Cat. #4818
- Mouse Anti-CICP Antibody – Cat. #4817