

MICROVUE™

Bone Health

Technical Data Sheet

MicroVueCICP

Sold in the U.S. for **Research Use Only**. Not for use in diagnostic procedures.

MicroVue CICP 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, Cynomologous Macaque, Sheep, Human.
- Human cell cultures.
- No recognition of Rat, Dog, Goat or Horse.

Specimen

- Serum collected to avoid hemolysis.

Assay Steps

- Dilute samples 1:12.
- Add 100 µL Standards, Controls and diluted Samples.
- Incubate 120 ± 5 minutes at room temperature.
- Wash 3 times with 1X Wash Buffer.
- Add 100 µL Rabbit anti-CICP.
- Incubate 45-50 minutes at room temperature.
- Wash 3 times with 1X Wash Buffer.
- Add 100 µL Enzyme Conjugate.
- Incubate 45-50 minutes at room temperature.
- Wash 3 times with 1X Wash Buffer.
- Add 100 µL Working Substrate Solution.
- Incubate 30-35 minutes at room temperature.
- Add 50 µL Stop Solution.
- Read OD at 405 nm.
- Data reduction: 4 parameter.

Performance of Test

- Method:** Sandwich
- Analyte:** Collagen type I C-terminal propeptide
- Specimen:** Serum, diluted 1:12
- Specimen Volume:** 25 µL
- Limit of Detection:** 0.2 ng/µL
- Lower Limit of Quantification:** 1 ng/µL
- Higher Limit of Quantification:** 80 ng/µL
- Precision CVs within-run:** 5.5-6.8%
- Precision CVs between-run:** 5.0-7.2%
- Incubation Time:** 4 Hours
- Cross Reactivity:** CICP 100%

TO ORDER: Call Quidel Customer service at 1.800.524.6318 (USA only), 1.408.616.4301 or fax 1.408.616.4310.

MicroVue CICP Cat. #8003

Also Available

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

RESEARCH TO RAPIDS™

Worldwide Headquarters

10165 McKellar Court
San Diego, CA 92121 USA
www.quidel.com

For more information on our products and other Quidel locations, visit our website.
800.524.6318 • 408.616.4301 • 408.616.4311 (fax)

0027BH1001D-6 (01/10)