

MICROVUE™

Bone Health

Technical
Data Sheet

MicroVueCreatinine

For **Research Use Only**. Not for use in diagnostic procedures.

The MicroVue Creatinine assay is offered as a convenience for researchers with no other means to perform the test. Urine creatinine is required to normalize the MicroVue urine resorption assays, DPD, PYD, HP, urine Total Dpd.

Creatinine is a molecule with a molecular weight of 113.1 g/mol. Creatinine is found in muscle tissues and is excreted into the circulation at a constant rate. It is removed from the plasma by globular filtration and excreted into the urine. The MicroVue Creatinine assay is a quantitative, colorimetric assay based on a modified Jaffe method where alkaline picrate forms a colored solution in the presence of creatinine.

Format

- Colorimetric assay based on Jaffe method.
- 96-well microplate with reagents sufficient to test 42 samples in duplicate.
- Sample type: urine.

Species Reactivity

- Creatinine values from non-human species have not been evaluated with the MicroVue Creatinine kit.

Specimen

- Urine.

Assay Steps

- Add 50 µL diluted Standards, Controls and Samples.
- Add 150 µL Working Color Solution.
- Incubate 30 minutes at room temperature (18-28°C).
- Read OD at 490 nm.

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

MicroVue Creatinine Cat. #8009

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