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## Product Datasheet

### **CheKine(TM) Micro Uric Acid (UA) Assay Kit ASC-KTB1510**

Artikelname	CheKine(TM) Micro Uric Acid (UA) Assay Kit
Artikelnummer	ASC-KTB1510
Hersteller Artikelnummer	KTB1510
Alternativnummer	ASC-KTB1510-48, ASC-KTB1510-96
Hersteller	Abbkine Scientific
Kategorie	Kits/Assays
Produktbeschreibung	Abbkine CheKine(TM) Uric Acid (UA) Colorimetric Assay Kit is designed for detecting UA in the sample....
Tag	UA
Anwendungsbeschreibung	The kit provides a simple method for detecting Uric Acid (UA) concentration in a variety of biological samples such as animal tissues, serum, urine and other biological fluids. In the assay, Uricase can catalyze UA to produce allantoin, CO <sub>2</sub> and H <sub>2</sub> O <sub>2</sub> , H <sub>2</sub> O <sub>2</sub> oxidizes Fe <sup>2+</sup> in potassium ferrocyanide to produce Fe <sup>3+</sup> , Fe <sup>3+</sup> further condenses with phenol and 4-aminoantipyrine to form red quinone compounds which has a characteristic absorption peak at 505 nm. The UA content can be calculated by measuring the light absorption at this wavelength.