

## Product Datasheet

### Uric Acid (UA) Colorimetric Assay Kit (orb1173219)

<b>Description</b>	Biorbyt CheKine Uric Acid (UA) Colorimetric Assay Kit is designed for detecting UA in the sample.
<b>Storage</b>	Storage at 4°C and protected from light upon receipt. Kit has a storage time of 6 months form receipt.
<b>Note</b>	For research use only
<b>Application notes</b>	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.
<b>Hazard Information</b>	The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.
<b>Expiration Date</b>	Please enquire.