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Product Datasheet

Uric Acid (UA) Colorimetric Assay Kit BYT-ORB1173219

Article Name	Uric Acid (UA) Colorimetric Assay Kit
Biozol Catalog Number	BYT-ORB1173219
Supplier Catalog Number	orb1173219
Alternative Catalog Number	BYT-ORB1173219-48, BYT-ORB1173219-96
Manufacturer	Biorbyt
Category	Kits/Assays
Product Description	The kit provides a method for detecting Uric Acid (UA) concentration in animal tissues, serum, urine, and other biological fluids. Uricase catalyzes UA to produce H ₂ O ₂ , which then facilitates the formation of red quinone compounds via phenol and 4-am...
Application Notes	Application Notes: 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 ₂ and H ₂ O ₂ , H ₂ O ₂ oxidizes Fe ²⁺ in potassium ferrocyanide to produce Fe ³⁺ , Fe ³⁺ 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