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Product Datasheet

Urine Creatinine Detection Kit BYT-ORB1822516

Article Name	Urine Creatinine Detection Kit
Biozol Catalog Number	BYT-ORB1822516
Supplier Catalog Number	orb1822516
Alternative Catalog Number	BYT-ORB1822516-2
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Canine, Human, Monkey, Rat
Product Description	Quantitative colorimetric detection of creatinine in urine samples...
Range	0.3125- 20 mg/dl
Sensitivity	0.032 mg/dl
Samples	Urine
Target	Urine Creatinine Detection Kit

Application Notes

Application Notes: The Urine Creatinine Detection kit is designed to quantitatively measure creatinine present in urine samples. A creatinine standard, calibrated to a NIST creatinine standard, is provided to generate a standard curve for the assay and all samples should be read off the standard curve. Standards or diluted samples are pipetted into a clear microtiter plate. The color generating reaction is initiated with the StressXpress Creatinine Reagent, which is pipetted into each well. After a short incubation the intensity of the generated color is detected in a microtiter plate reader capable of measuring 490nm wavelength. The concentration of the creatine in the sample is calculated, after making a suitable correction for the dilution of the sample, using software available with most plate readers. The Jaffe reaction used in this kit has been modified to read creatinine levels in urine(7,8)