



## Creatine Content Assay kit

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Creatine is a nitrogen-containing compound, which is naturally found in vertebrates, and can assist in energy supply for muscle and nerve cells. Creatine can be synthesized by three amino acids, arginine, glycine and methionine, which can be synthesized by human body or taken from food. About 95% of creatine is found in skeletal muscle, mainly in the form of phosphocreatine. As a supplement, creatine can enhance the performance of the muscles by increasing the muscle quality. Creatine is also widely studied as a therapeutic drug for neuromuscular diseases, which may help to protect the nerves and improve the biological function of cells. Creatine reacts with biacetyl-alpha-naphthol under alkaline conditions to produce a red product with an absorption peak at 530 nm

Catalog No.	250492
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	2-8°C/6 months
Shipping	Gel Packs