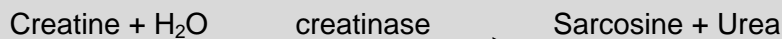


## E2070831D3 Creatinase



### PRODUCT APPLICATION

Creatinase has been successfully used in conjunction with Sarcosine Oxidase and Creatininase for the determination of creatine and creatinine in clinical analysis both optically and electrochemically.

### PRODUCT BENEFITS

The stabilised Creatinase shows prolonged activity with respect to the same enzyme without stabiliser at elevated temperatures of 37°C and 50°C.

### STABILITY DATA

Stability study in dry state on microtitre plate format at 37°C and 15% humidity using AET stabiliser formulation.

### STABILISER INFORMATION

This enzyme has been stabilised using our Q2090625D12 stabiliser solution. The solution is delivered in double strength to be added to the unstabilised enzyme in buffer.

For more information on our range of stabiliser solutions please contact our sales representative.

### PHYSICAL PROPERTIES

Creatinase	E.C. 3.5.3.3
Source	<i>Recombinant E.coli</i>
Appearance	White freeze dried powder
Form supplied	Dry stabilised powder
Quality Control	Activity determined by spectrophotometric assay
Storage	Storage at -20°C

<b>Unit Definition</b>	One unit is defined as the amount of enzyme which produces one micromole of urea per minute at 37°C.
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### SAFETY AND HANDLING

Read the Material Safety Data Sheets (MSDS) and product labels before using the products.

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