



## Human type 2 Creatine Kinase MB (DAG277)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Molecular Weight</b>	47 kDa
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements
<b>Size</b>	1 mg
<b>Buffer</b>	20mMTris-HCl, 1mM DTT, 1mM EDTA, pH 6.8 + 0.5
<b>Preservative</b>	None
<b>Storage</b>	2-8°C short term, -20°C long term

### BACKGROUND

<b>Introduction</b>	CreatineKinase MB consists of a dimer of nonidentical chains. With MM being the majorform in skeletal muscle and myocardium, MB existing in myocardium, and BBexisting in many tissues, especially brain. Creatine Kinase MB reversibllycatalyses the transfer of phosphate between ATP and various phosphogens. Thecreatine kinase isoenzymes play a central role in energy transduction intissues with large fluctuating energy demands such as skeletal muscle, heart,brain and spermatozoa.
<b>Keywords</b>	CKB; creatine kinase, brain; CKBB; creatine kinase B-type; creatine kinase-B; creatine kinase B chain; B-CK