



# Native Phosphoglucose Isomerase (DAG-WT1306)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	One unit is defined as the amount of enzyme which converts 1 $\mu$ mole of fructose –6–phosphate to D–Glucose–6–phosphate per minute at 37°C under the conditions specified in the assay procedure.
<b>Conjugate</b>	N/A
<b>Applications</b>	Enzymatic determination
<b>Molecular Weight</b>	50 kDa
<b>Format</b>	Lyophilized
<b>Size</b>	1 KU
<b>Buffer</b>	Enzyme dilution buffer
<b>Storage</b>	Store at -20°C

## BACKGROUND

<b>Introduction</b>	Glucose-6-phosphate isomerase (GPI), alternatively known as phosphoglucose isomerase/phosphoglucoisomerase (PGI) or phosphohexose isomerase (PHI), is an enzyme ( EC 5.3.1.9) that in humans is encoded by the GPI gene on chromosome 19.
<b>Keywords</b>	Phosphoglucose Isomerase; Glucose-6-phosphate isomerase; GPI