

Asahi Kasei Pharma Corporation  
Fine Chemicals & Diagnostics Division  
9-1 Kanda Mitoshiro-cho  
Chiyoda-ku, Tokyo 101-8481 Japan

Diagnostics Marketing Department  
Phone +81-(0)3-3259-5775  
Fax +81-(0)3-3259-5741  
diagnostics@om.asahi-kasei.co.jp

## SPECIFICATION

ISO: 75F41P02-85  
July 1, 2005  
[ 1<sup>st</sup> edition ]

Product Name: PHOSPHOGLUCOSE ISOMERASE [PGI II]

(D-Glucose-6-phosphate ketol-isomerase, EC 5. 3. 1.9)

Product Number: T-120

Origin: *Bacillus stearothermophilus*

Description: White lyophilized powder

Activity:  $\geq 250$  U/mg

Appearance of solution: Clear  
(1mg/ml in buffer solution)  
A400nm  $\leq 0.020$   
A500nm  $\leq 0.020$   
A650nm  $\leq 0.020$

Contaminating enzymes:  
ATPase  $\leq 0.005\%$  (U/U)  
NADPH oxidase  $\leq 0.010\%$  (U/U)

*Storage: Store in tightly closed containers, desiccated, protected from light, at -20°C.  
Hazard Statement: Non-Hazardous. And for In Vitro Diagnostic Use.*



T. OTANI  
Plant Director  
Ohito diagnostics plant



H. NAGAI  
Quality control Assistant Manager  
Ohito diagnostics plant