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## Product Datasheet

### Native Microorganism Glucose-6-phosphate Dehydrogenase, CAS [[9001-40-5]] CRM-DIA-145

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| Article Name               | Native Microorganism Glucose-6-phosphate Dehydrogenase, CAS [[9001-40-5]]  |
| Biozol Catalog Number      | CRM-DIA-145  |
| Supplier Catalog Number    | DIA-145  |
| Alternative Catalog Number | CRM-DIA-145-10   |
| Manufacturer               | Creative BioMart   |
| Category                   | Biochemikalien   |
| Product Description        | Glucose-6-phosphate dehydrogenase (G6PD or G6PDH) (EC 1.1.1.49) is a cytosolic enzyme that catalyzes the chemical reaction:D-glucose 6-phosphate + NADP+ 6-phospho-D-glucono-1,5-lactone + NADPH + H+. This enzyme is in the pentose phosphate pathway, a...                               |
| Concentration              | GradeIII 200U/mg-solid or more   |
| CAS Number                 | [9001-40-5]  |
| Application Notes          | The enzyme is useful for enzymatic determination of NAD+(NADP+) and G-6-P, and activities of phosphoglucose isomerase, phosphoglucomutase and hexokinase. The enzyme is also used for enzymatic determination of glucose and creatine phosphokinase activity when coupled with hexokinase. |