ENZYMES

THERMOSTABLE

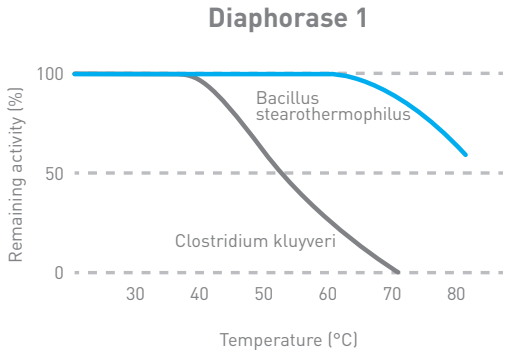
NIPRO

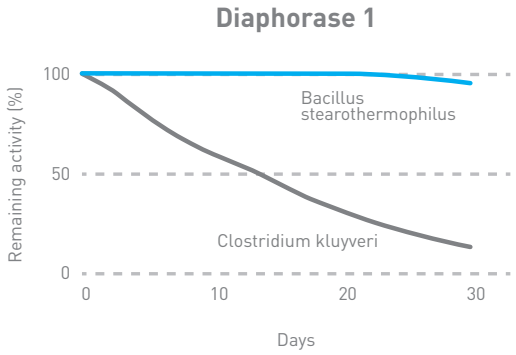
Nipro Enzymes

THERMOSTABLE

Nipro develops enzymes that maintain all positive catalytic characteristics but limit the disadvantages. As a consequence Nipro enzymes gain the following attributes:

- Our enzymes are **stable for a longer time** and in a **wider temperature** range due to the isolation out of thermophilic bacteria.
- Our **enzymes have a high purity** and subsequently a **high degree of reliability** because of our unique culturing process.





These characteristics make our enzymes suitable for very demanding applications such as clinical diagnostics, the synthesis of pharmaceutical intermediates, food analysis,...

Benefits for you

The thermophilic properties combined with the high purity and activity degree of our enzymes ensure:

For our customers:

- The possibility of storage in a wider temperature range
- Lower requirement of enzyme volume
- Less waste production
- Optimal kit reliability

For end users:

- Fewer calibrations of equipment
- Reliable test results
- The possibility of storage in a wider temperature range

ENZYMES

Bacillus stearothermophilus

- Acetate Kinase
- Adenylate Kinase
- Alanine Dehydrogenase
- Alanine Racemase
- Glucokinase
- Leucine Dehydrogenase
- Phosphoglucose Isomerase
- Phosphotransacetylase
- Pyruvate Kinase
- Superoxide Dismutase

Microorganism

- D-Lactate Dehydrogenase
- Malate Dehydrogenase
- Mutarotase

Recombinant E.coli

- Diaphorase 3
- Diaphorase 22
- Glucokinase 2
- Galactose Dehydrogenase
- Glucose-6-Phosphate Dehydrogenase 2
- Glucose Dehydrogenase
- Glycerol-3-Phosphate Dehydrogenase

Thermoactinomyces intermedius

- Phenylalanine Dehydrogenase

Trachyderma tsunodae

- Bilirubin Oxidase

Zymomonas mobilis

- Alcohol Dehydrogenase
- Glucokinase
- Glucose-6-Phosphate Dehydrogenase

Bro - Enzymes-30.Apr2025

NIPRO
Live Longer. Live Better.

Nipro Medical Europe
European Headquarters, Blokhuisstraat 42, 2800 Mechelen, Belgium
medical@nipro-group.com | www.nipro-group.com

Nipro Corporation
www.nipro.co.jp