



## ThermoActive™ $\beta$ -Galactosidase – Bgal112

### Product information

Available as freeze dried powder  
Activity: 2 U/mg powder, Store at 4°C.

### Enzyme activity

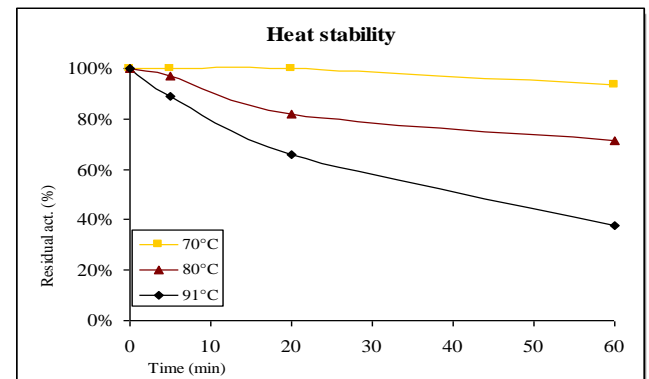
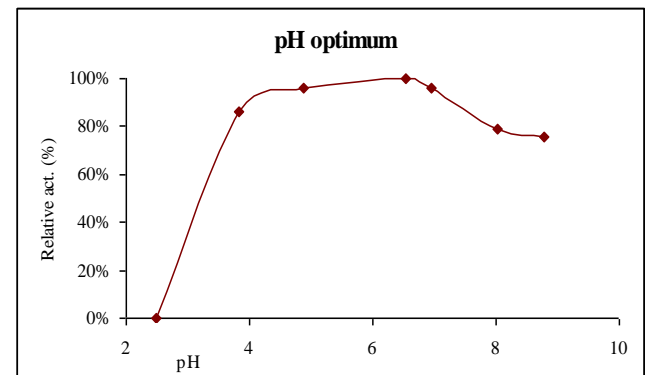
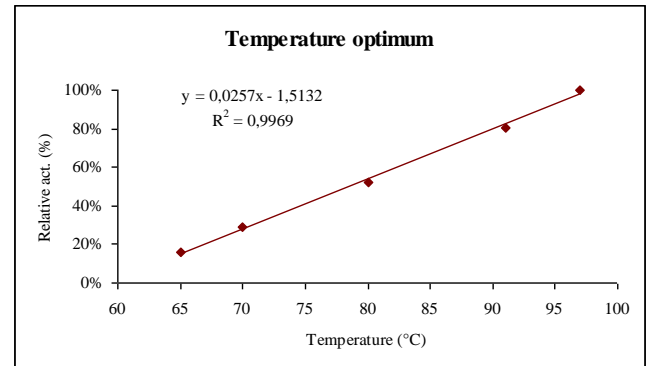
$\beta$ -galactosidase hydrolyses terminal, non-reducing  $\beta$ -D-galactose residues in  $\beta$ -D-galactosides. From *Thermus brockianus*.

### Assay

$\beta$ -galactosidase activity was routinely determined in a 100mM KPO<sub>4</sub> pH 6,5 buffer at 97°C for 1 minute with 0.8 mg/ml final conc of pNP- $\beta$ -galactoside.

### Unit definition

One unit (U) is defined as the amount of enzyme which liberates 1  $\mu$ mol of p-nitrophenol per min from pNP- $\beta$ -galactoside, under the given assay conditions.



Limited usage statement on [www.prokazyme.com](http://www.prokazyme.com)