

## Datasheet for ABIN3188218

### Xbal

#### Overview

Quantity: 10000 U

Application: Restriction Digest (RD)

#### Product Details

Components: Xbal enzyme supplied with 10X Universal Restriction Enzyme Reaction Buffer

#### Application Details

Comment:

- Restriction enzyme digestion of doublestranded DNA
- Reaction: 1X Universal Restriction Enzyme Reaction Buffer. Incubate at 37°C
- Source: An E. coli strain that carries the Xbal gene from Xanthomonas badrii (ATCC 11672). The Xbal enzyme recognizes and cuts the sequence T<sup>A</sup>CTAGA.
- Reaction Buffer: Buffer 1: 10%, Buffer 2: 100%, Buffer 3: 75%, Universal Buffer: 100%
- Methylation Sensitivity
- dam methylation: Blocked by Overlapping
- dcm methylation: Not Sensitive
- CpG Methylation: Not Sensitive
- Heat Inactivation: 65 °C for 20 min

Restrictions: For Research Use only

#### Handling

Concentration: 20000 U/mL

Buffer: 10 mM Tris-HCl (pH 7.5), 50 mM NaCl, 1 mM DTT, 0.1 mM EDTA, and 50 % (v/v) Glycerol

Storage: -20 °C

#### Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)

