

## Product Information

### TrueGel3D Buffer, pH 5.5

10× concentrated

Catalog Number **TRUEA**

Storage Temperature  $-70\text{ }^{\circ}\text{C}$

#### Product Description

TrueGel3D buffer, pH 5.5, is used to prepare fast gelling hydrogels. It is a 10× concentrated buffer solution that is diluted to physiological strength when preparing hydrogels. TrueGel3D buffer, pH 5.5, ensures homogenous mixing of polymer and crosslinker by slowing down gel formation and simultaneously controlling osmotic conditions. Most cells are not affected by a short exposure to buffer at pH 5.5.

TrueGel3D buffer, pH 5.5, is used along with TrueGel3D buffer, pH 7.2, to control pH and osmotic conditions and used to generate pH of intermediate strength to modulate the gelation kinetics.

#### Component

10×TrueGel3D buffer, pH 5.5, 600  $\mu\text{L}$

#### Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Safety Data Sheet for information regarding hazards and safe handling practices.

#### Storage/Stability

TrueGel3D buffer, pH 5.5, may be stored at  $4\text{ }^{\circ}\text{C}$  for short term (<2 months), and at  $-70\text{ }^{\circ}\text{C}$  for long term storage.

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