

Epicentre® an Illumina® Company
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The EZ-Tn5™ Custom Transposome Construction Kits TNP10622 and TNP10623 consist of one or more tubes containing, a construction vector, aqueous buffers/solutions, water, salts, primers, and enzyme.

Components list:

EZ-Tn5™ Transposase
EZ-Tn5™ 10X Reaction Buffer
EZ-Tn5™ 10X Stop Solution
Sterile Water
pMOD™-2<MCS>Vector **or** pMOD™-3<R6Kγ/MCS>Vector
pMOD™<MCS>Forward PCR Primer, 50 μM
pMOD™<MCS>Reverse PCR Primer, 50 μM

The 10X Stop Solution contains 1% SDS. A safety data sheet for SDS is provided.

The EZ-Tn5™ Transposase is supplied as a 50% glycerol solution. A safety data sheet is provided for glycerol.

EZ-Tn5™ 10X Reaction Buffer consists of 0.5M Tris-acetate, pH 7.5, 1.5M potassium acetate, 100mM magnesium acetate, and 40 mM spermidine. MSDSs are provided for Tris acetate and potassium acetate.

The construction vectors and primers are at concentrations < 0.1% w/v and are not believed to be hazardous.

No known hazards are associated with the materials in the kit or its components at the concentrations provided. Epicentre recommends all normal precautions be taken whenever all hazards are not known. We recommend wearing gloves and avoiding direct contact with skin and eyes when handling biochemical and chemical solutions.

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