

CATALOG #	PRODUCT DESCRIPTION, STORE AND USE
3455-05-03	<p>10X Cell Dissociation Solution - 2 vials (1.5 mL/vial)</p> <ul style="list-style-type: none"> • Store at 2-8 °C. • 10X Cell Dissociation Solution has been optimized to detach cells from the underside of the Boyden Chamber and facilitate Calcein cell labeling as part of the Cultrex Cell Migration and Invasion Assays. • This solution is a component of R&D Systems®, Catalog # 3455-024-K, 3455-096-K, 3456-024-K, 3456-096-K, 3457-024-K, 3457-096-K, 3458-024-K, 3458-096-K, and 3465-096-K, 3471-096-K, 3481-096-K, 3482-096-K, 3483-096-K, and 3484-096-K.
3455-024-01	<p>Cell Invasion/Migration Plates, 24-well</p> <ul style="list-style-type: none"> • Store at room temperature. • The Cell Invasion/Migration Plates, 24-well includes clear and black receiver plates and a single 24-well tissue culture-treated Boyden Chamber insert with a 8 µm polyethylene terephthalate (PET) membrane. This chamber may be used as provided for evaluating cell migration, or it may be coated with extracellular matrix (ECM) proteins to interrogate cell invasion. This chamber is appropriate for use with most endothelial, epithelial, fibroblast, or tumor cells. • This plate is a component of R&D Systems®, Catalog # 3455-024-K, 3456-024-K, 3457-024-K, 3458-024-K, and 3465-024-K.
3455-096-01	<p>Cell Invasion/Migration Plates, 96-well</p> <ul style="list-style-type: none"> • Store at room temperature. • The Cell Invasion/Migration Plates, 96-well includes clear and black receiver plates and a single 96-well tissue culture-treated Boyden Chamber insert with a 8 µm polyethylene terephthalate (PET) membrane. This chamber may be used as provided for evaluating cell migration, or it may be coated with extracellular matrix (ECM) proteins to interrogate cell invasion. This chamber is appropriate for use with most endothelial, epithelial, fibroblast, or tumor cells. • This plate is a component of R&D Systems®, Catalog # 3455-096-K, 3456-096-K, 3457-096-K, 3458-096-K, 3465-096-K, and 3471-096-K.
3455-096-03	<p>10X Coating Solution - One vial (1 mL)</p> <ul style="list-style-type: none"> • Store at 2-8 °C. • 10X Coating Buffer has been optimized to for coating extracellular matrix (ECM) proteins on Boyden Chamber membranes as a part of the Cultrex Cell Invasion Assays. • This solution is a component of R&D Systems®, Catalog # 3455-024-K, 3455-096-K, 3456-024-K, 3456-096-K, 3457-024-K, 3457-096-K, 3458-024-K, 3458-096-K, and 3471-096-K.
3455-096-04	<p>25X Cell Wash Buffer - 2 vials (1.5 mL/vial)</p> <ul style="list-style-type: none"> • Store at 2-8 °C. • 25X Cell Wash Buffer is a cell wash solution that is used to remove serum and other culture medium components that may interfere with cell dissociation and Calcein AM labeling as a part of the Cultrex Cell Migration and Invasion Assays. • This solution is a component of the Cultrex Invasion and Migration Kits (R&D Systems®, Catalog # 3465-096-K, 3455-096-K, 3456-096-K, 3457-096-K, 3458-096-K, and 3471-096-K).

CATALOG # PRODUCT DESCRIPTION, STORE AND USE**3457-096-02 Cultrex 5X Collagen I Solution - One vial (1 mL)**

- Store at ≤ -70 °C.
- Cultrex 5X Collagen I Solution has been developed, manufactured and qualified as a coating for the Cultrex Collagen I Cell Invasion Assays.
- Protein Concentration is 1 mg/mL
- Endotoxin Level is ≤ 20 EU/mL by Limulus Amoebocyte Lysate (LAL) assay.
- This solution is a component of the Cultrex Collagen I Cell Invasion Assay (R&D Systems[®], Catalog # 3457-096-K and 3457-024-K).

3458-096-02 Cultrex 5X Collagen IV Solution - One vial (1 mL)

- Store at ≤ -70 °C.
- Cultrex 5X Collagen I solution has been developed, manufactured and qualified as a coating for the Cultrex Collagen I Cell Invasion Assays.
- Protein Concentration is 0.5 mg/mL
- Endotoxin Level ≤ 20 EU/mL by Limulus Amoebocyte Lysate (LAL) assay.
- This solution is a component of the Cultrex Collagen IV Cell Invasion Assay (R&D Systems[®], Catalog # 3458-096-K and 3458-024-K).

3500-096-01 Cultrex Spheroid Formation Extracellular Matrix, 10X - One vial (600 μ L)

- Store at ≤ -70 °C.
- Provides specialized extracellular matrix optimized to drive aggregation and/or spheroid formation of cells as a part of the Cultrex 3-D Culture Spheroid Cell Invasion Assay.
- Endotoxin Level ≤ 8 EU/mL by Limulus Amoebocyte Lysate (LAL) assay.
- Cultrex Spheroid Formation Extracellular Matrix, 10X should be thawed on ice at 2-8 °C and diluted with ice cold 2-8 °C tissue culture medium. Pipet up and down with a serological pipet to mix. Cells are resuspended in 1X Spheroid Formation ECM, and 50 μ L of cell suspension is added to each well of a 96-well Spheroid Formation Plate.
- This solution is a component of R&D Systems[®], Catalog # 3500-096-K, 3500-096-SP, 3510-096-K
- For a detailed protocol, view the datasheet for the Cultrex 3-D Spheroid Basement Membrane Extract Cell Invasion Assay, 96-well (R&D Systems[®], Catalog # 3500-096-K).

3500-096-03 Cultrex Spheroid Invasion Extracellular Matrix - One vial (6 mL)

- Store at ≤ -70 °C.
- Provides a specialized extracellular matrix that is optimized to drive invasion of cells out of the preformed spheroids as a part of the Cultrex 3-D Culture Spheroid Cell Invasion Assay.
- Endotoxin Level ≤ 8 EU/mL by Limulus Amoebocyte Lysate (LAL) assay.
- Cultrex Spheroid Invasion Extracellular Matrix should be thawed on ice at 2-8 °C, and gently inverted to make a homogenous solution. If there are visible bubbles in the solution, centrifuge 300 x g for 5 minutes at 2-8 °C in a swinging bucket rotor. Add 50 μ L of undiluted Cultrex Spheroid Invasion Extracellular Matrix to each well of a chilled 96-well Spheroid Formation Plate.
- This solution is a component of R&D Systems[®], Catalog # 3500-096-K and 3500-096-IP.
- For a detailed protocol, view the datasheet for the Cultrex 3-D Spheroid Basement Membrane Extract Cell Invasion Assay, 96-well (R&D Systems[®], Catalog # 3500-096-K).