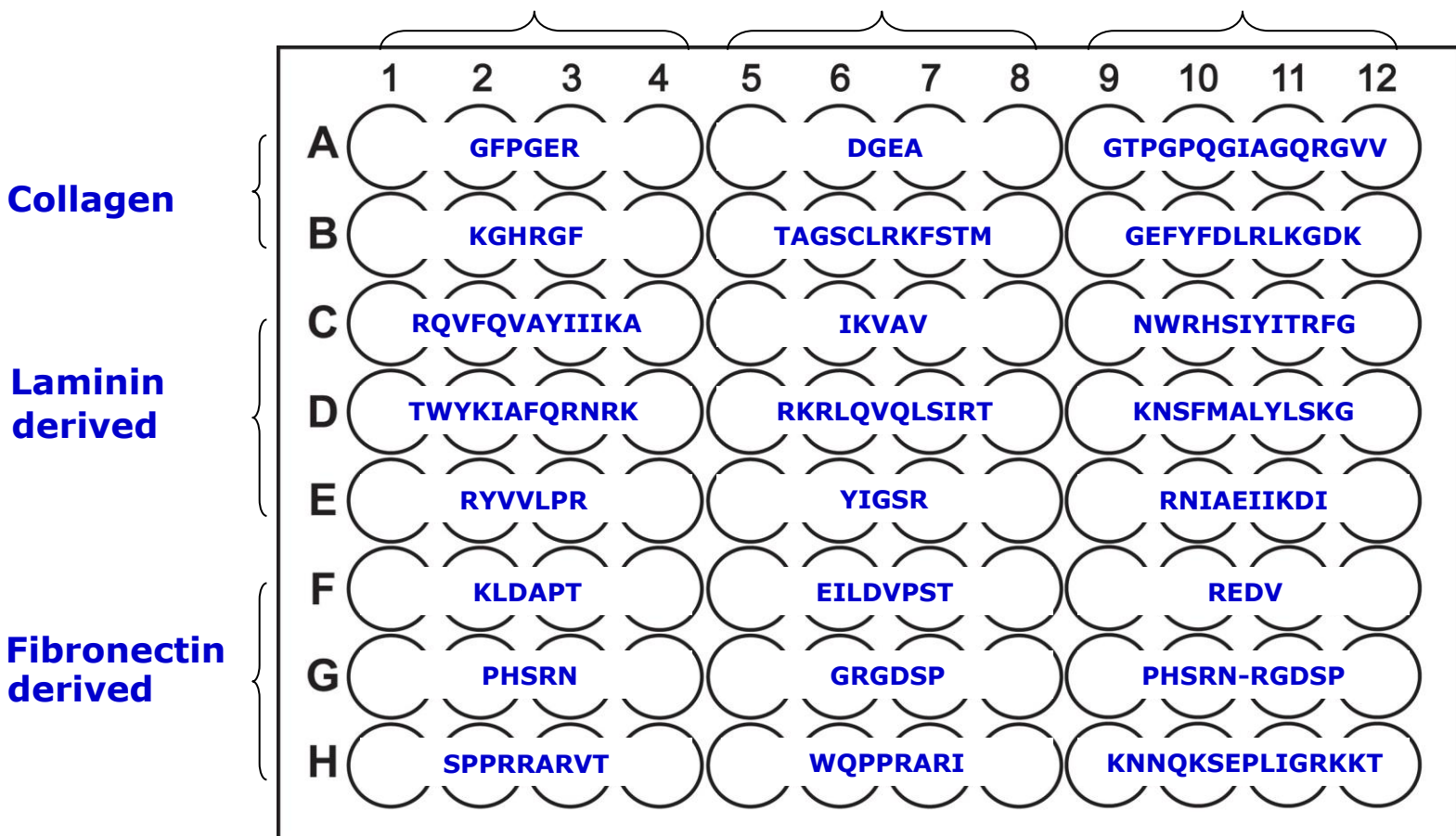


MAPTrix™ Screen, ECM Mimetic Plate on black wall / clear floor plate (ANN901B)

- Surface presenting ECM derived peptide motifs derived from collagen, fibronectin, and laminin

ARRAY MAP



Map updated and corrected April 2021

STORAGE

Stable & functional for 2 years when stored at room temperature and refrigerator.

ORDERING DETAILS

Code	Description	Pack
ANN901B	MAPTrix™ Screen for Cell Adhesion Assay, BLACK wall / CLEAR floor 24 different ECM mimetics coated 96 well plate (4 duplicates), 2 plates	2 plates

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ASSAY PROCEDURE

1. Introduction

Cell adhesion is a complex process involved in embryogenesis, migration/invasion, tissue remodeling, and wound healing. To perform these processes, cells adhere to extracellular matrix components via adhesion receptors such as integrins, forming complexes with components of the cytoskeleton that ultimately affect cell motility, differentiation, proliferation, and survival. MAPTrix™ Screen provides a rapid, quantitative method for evaluating cell adhesion.

2. Cell Adhesion Assay Protocol (For 96 well plate)

1. Under sterile conditions, re-hydrate the MAPTrix Screen plate with 200 µL of PBS (1x) per well for 20 minutes at room temperature.
2. Remove the PBS from the rehydrated plates
3. Prepare a cell suspension, typically, $0.1 - 2.0 \times 10^6$ cells/mL in serum free media.
4. Add 150 µL of the cell suspension to the inside of each well and centrifuged to promote interaction with the plate surface.
5. Non-adherent cells are gently removed with 3 times PBS washes. The percentage of adherent cells is determined by measuring Calcein AM fluorescence before and after the wash steps.

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