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Datasheet for KOA-FMF8

Rat Tail Type I Collagen Coated T-75 Flask

Overview

Description:	Rat Tail Type I Collagen Coated T-75 Flask, 5 units per pack - KOA-FMF8
Item No.:	KOA-FMF8
Size:	5 x 1 Each

Product Details

Target Details

Purity/Specificity:	Collagen is purified from rat tails via a multi-step process involving chemical soaking, extraction, filtration, and pH treatment. Extracellular matrix (ECM) - coated flasks are prepared under Laminar Flow Hoods, using sterile technique according to our Standard Operating Procedures (SOP). Representative production samples are collected and inspected for current product specifications. Collagen ≥90% purity by SDS-PAGE. Tested and found negative for bacteria and fungi with visual inspection after 14 days of incubated growth media. Tested for the attribute of cell attachment and growth by utilizing an attachment-dependent human cell line in standard growth medium. Surface Area: 75 cm2.

Application Details

Application Note:	Primary benefits of coated plastics include enhanced cell adhesion, promotion of cell spreading and morphology, facilitation of cell signaling, support for specific cell types, and modeling tissue microenvironments. Collagen I is the most abundant protein in the extracellular matrix of connective tissues and plays a crucial role in cell adhesion, migration, proliferation, and differentiation.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Formulation

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	+4°C to +30°C
Expiration:	Expiration date is eighteen (18) months from date of receipt.

Images



Flask
Rat Tail Collagen I coated T-75 flasks, 5 pack

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.

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