Applied Cell Extracellular Matrix

Cat. No. G422
Store at 4-8°C.

Product Description
Adhesion plays a fundamental role in the development and maintenance of cells in culture. **abm**'s Applied Cell Extracellular Matrix comprises of protein formulations which will mediate cell attachment, growth, differentiation, migration and tissue morphogenesis. This product is suitable for the preparation of thin films on cell culture vessel surfaces or use as a solid gel.

Cat. No.	Product	Quantity
G422	Applied Cell Extracellular Matrix	25 ml

Shipping and Storage
Upon arrival, the Applied Cell Extracellular Matrix should be stored at 4 - 8°C and is stable for one year from the date of shipping if stored and handled properly. Freezing is not recommended.

Sterility
Tested and confirmed negative for bacterial and fungal contamination after 14 days of incubation at 37°C.

Protocol
Employ aseptic techniques to maintain the sterility of the product throughout the preparation and handling.

1. In a Biosafety Cabinet, place the desired volumes of Applied Cell Extracellular Matrix onto the surface of the plate wells or dishes to be coated; make sure the entire bottom of the well/dish is covered by the solution. Please refer to Table 1 for volume guidelines.
2. Incubate for 1 hour at room temperature with the lid uncovered in Biosafety Cabinet.
3. Aspirate the solution from the plate wells or dishes. Leave the plate wells or dishes for another 1 hour to allow the surface to dry
4. Coated surfaces can be used immediately or stored at 4 - 8°C for up to 2 weeks.

Table 1: Volume of Applied Cell Extracellular Matrix for Different Culture Wares

Culture Wares	Area (cm^2)	Volume
96-well plate	0.32 (per well)	75 µl
24-well plate	2 (per well)	250 µl
12-well plate	4 (per well)	400 µl
6-well plate	9 (per well)	600 µl
T12.5 flask	12.5	1.5-2 ml
T25 flask	25	2-3 ml
T75 flask	75	3-5 ml
T175 flask	175	15-17 ml

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