

REFERENCES:

1. Beck, K., et.al., FASEB J., **4**:148 (1990).
2. Ledbetter, S., et.al., Cell Cult. Meth. for Molec. and Cell Bio., **1**:231, A.R. Liss, Inc., New York, NY (1984).
3. Calof, A.L., and Lander, A.D., J. Biol. Chem., **267**:23143 (1992).
4. Kleinman, H.K., et.al., Role of the Extracellular Matrix in Development, p. 123 A.R. Liss, Inc., New York, NY (1984).
5. Foster, R., et.al., Devel. Biol., **122**:11 (1987).
6. Kleinman, H.K., et.al., Proc. Nat. Acad. Sci. USA, **85**:1282 (1988).
7. Zhou, F., et.al., J. Chem. Neuroanat., **1**:133 (1988).
8. Zhou, F., et.al., Progress in Brain Research, Gashard and Sladek, eds., Elsevier, New York, NY (1988).
9. Vlodavsky, I., et.al., Nature, **289**:133 (1981).
10. Terranova, V., et.al., Proc. Nat. Acad. Sci. USA, **80**:444 (1983).
11. Chambers, A.F., et.al., Cancer Res., **53**:701 (1993).
12. Adams, J.C., and Watt, F.M., J. Cell Biol., **115**:829 (1991).
13. Pike, M., et.al., J. Immunol., **142**:2004 (1989).
14. Li, Y.-Y., and Chung, H.T., J. Immunol., **149**:3174 (1992).
15. Schubert, D., and Kimura, H., J. Cell Biol., **114**:841 (1991).
16. Ekblom, P. FASEB J., **3**:2141 (1981).
17. Welch, D., et.al., Int. J. Cancer, **43**:449 (1989).
18. Massia, S.P., et.al., J. Biol. Chem., **268**:8053 (1993).
19. Mercurio, A.M., and Shaw. L.M., BioEssays, **13**:469 (1991).

Coating Procedure

Use the following as guidelines to determine the optimal coating conditions for your culture system.

1. Thaw laminin slowly, at 4°C or on ice. Keep stock of laminin at 4°C during use. Flocculent material may develop during thawing; this material (aggregated laminin) usually goes into solution after 1-48 hours at 4°C.
2. Dilute laminin to desired concentration using sterile, serum-free culture medium. Suggested coating concentration is 1-10 ug/cm². The final solution should be sufficiently dilute so that the amount added to the coating surface will coat it evenly.

Example: For a final coating concentration of 5 ug/cm², dilute material to 50 ug/ml and add 1 ml/35 mm dish, 3 ml/60 mm dish, etc.

3. Add appropriate amount of diluted laminin to culture surface.
4. Incubate at room temperature for 1 hour.
5. Aspirate remaining material.
6. Rinse plates carefully -- avoid scraping bottom surface.
7. Plates are ready for use. They may also be stored at 4°C damp or air dried if sterility is maintained.