

ObaGel® Coating

ObaGel® Coating is a comprehensive human-derived cell basement membrane matrix that supports the culture and expansion of multiple cell types including, ASCs and HUVECs. ObaGel® Coating provides a superior culture surface compared to tissue culture plastic and is comparable to fibronectin coated surfaces.



ObaGel® Coating Properties

- + Provided at >0.7 mg/ml protein concentration
- + Enhances cell attachment and proliferation
- + Human-derived protein surface coating
- + Provides native ECM for attachment of human cell lines
- + Increases retention of cells over culture maintenance
- + Supports adipogenic, osteogenic, and chondrogenic differentiation
- + Supports expansion through several passages of primary cell types

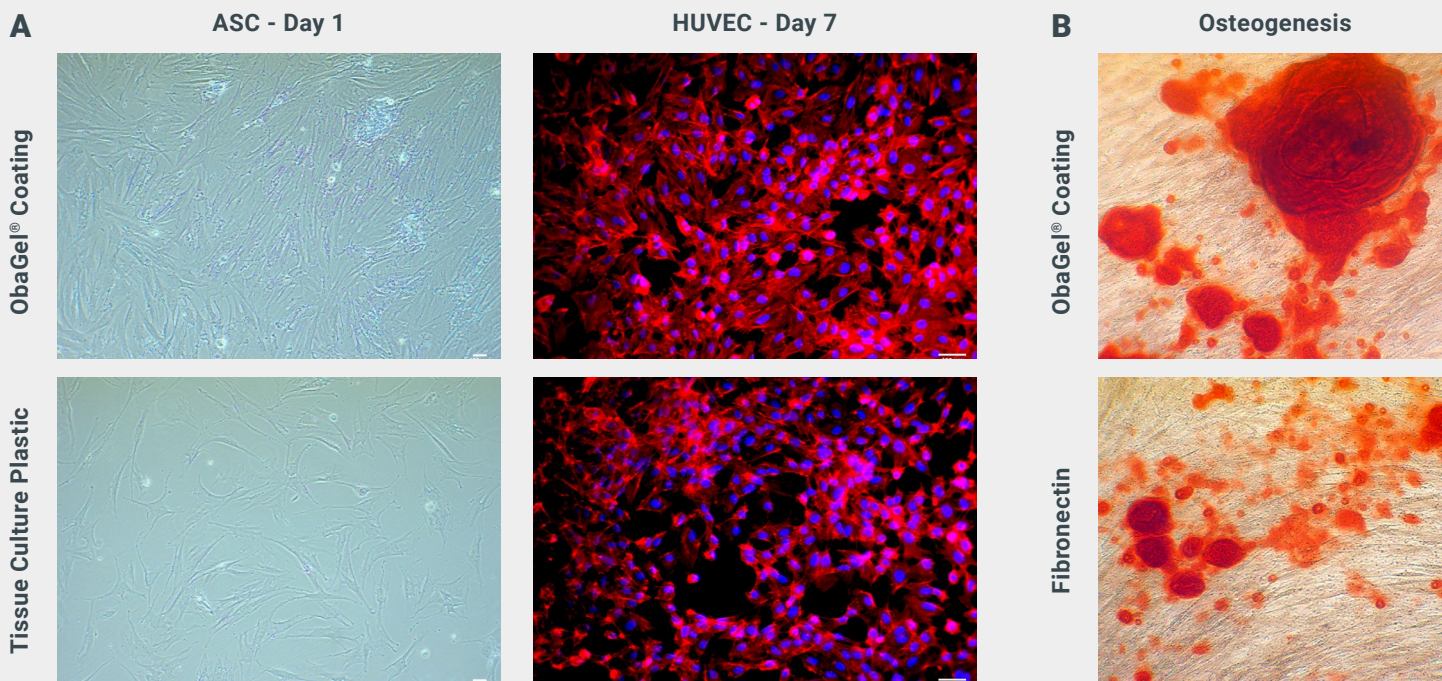


Figure 1. Cell Expansion and Differentiation on ObaGel® Coating. 1a. (Left) Adipose-derived stem/stromal cells (ASC) seeded at 25,000 cells per well of a 24-well plate (at 24 h). (Right) Human umbilical vein endothelial cells (HUVEC) cultured on ObaGel® Coating and tissue culture plastic, stained with Alexa Fluor Phalloidin and Hoechst 33342 on day 7. 1b. Osteogenic differentiation of ASC on ObaGel® Coating versus Fibronectin (13 d).

