


# Certificate of Analysis

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<b>CA1040</b>	<b>Vitronectin XF™</b>		
	<b>Prod. No. S2153-500UG</b>	<b>Lot No. XXXX</b>	Orders 866 372-7442 & Support support@primorigen.com  Web www.primorigen.com
<i>For Research Use Only Not intended for use in humans or animals</i>			

<p><b>Description:</b> Primorigen's exclusive Vitronectin XF™ offers a xeno-free single-component cell attachment factor intended to support growth and differentiation of human pluripotent stem cells (hPSCs) under serum-free, feeder-free conditions. Vitronectin XF™ is a recombinant protein that contains the entire human Vitronectin sequence (NCBI Reference Seq. NP_000629.3) fused to a human immobilization domain, and is to be used for coating of sterile, non-tissue culture treated polystyrene dishes and plates.</p> <p><b>Vial contents:</b> 2 ml, 500 µg protein at 250 µg/ml  <b>Storage:</b> -80 °C                  Note: Protein solution is stable for 2 weeks at 4° C. Aliquot and refreeze at -80° C for extended storage.  <b>Stability:</b> 6 months from date of purchase when stored as directed  <b>Coating Surface:</b> Sterile polystyrene labware required.</p> <p><b>Note: Labware SHOULD NOT be tissue culture treated</b></p> <p style="text-align: center;"><i>Note: This protocol should be performed under aseptic conditions in a Biological Safety Cabinet</i></p> <p>For additional information and for general use guidelines for this product, please refer to the Vitronectin XF™ Protocol (L1019), available at <a href="http://www.primorigen.com">www.primorigen.com</a></p> <p><b>Quality Control:</b> This lot of Vitronectin XF™ has been verified to meet quality specifications in accordance with testing guidelines.  <b>Vitronectin XF™ is non-toxic for cells</b></p> <p><b>Sterility:</b> 0.2 micron sterile filtered  <b>Endotoxin:</b> &lt;1.25 EU/ml  <b>Mycoplasma:</b> Negative  <b>Purity:</b> &gt;90% by SDS-PAGE and Coomassie Blue staining  <b>Pluripotency of iPSCs after 5 passages:</b> Pass  <b>Adhesion during Differentiation to Definitive Endoderm:</b> Pass</p>	<p><b>Certified By:</b></p> <p style="text-align: center;"><i>Michelle Speed</i></p> <p><b>Warranty:</b> Primorigen Biosciences warrants that the product will meet or exceed specifications when used as directed within the guidelines of the User Protocol. We will replace the product if the product does not conform to specifications. Our obligation and your sole remedy are limited to such replacement in the event that the product proves to be defective. Primorigen Biosciences is not liable for consequential damages.</p> <p><b>Limited Use Label License:</b> Use of this product is covered by one or more patent applications. The purchase of this product includes a limited, non-transferable license for using only this amount of product for the purchaser's own internal research. This product is for research use only and may not be resold without written permission from Primorigen Biosciences.</p>
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