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Certificate of Analysis

Product: Rat Vitronectin (urea prepared/multimeric) – RVN

Date: 28 June, 1999

Lot: RVN

Molecular Weight: ~ 75,000 by SDS PAGE

Physical Specifications:

Physical Appearance: colorless frozen solution

Solubility: > 2 mg/mL

Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 3.23 $\epsilon^{0.1\%} = 1.0$

Concentration = 3.23 mg/mL

Active Concentration = 3.23 mg/MI

Considerations:

Storage Conditions: Store frozen at -70°C – stability > 1yr

AVOID REPEATED FREEZE-THAW CYCLES

Buffer Composition: 0.05 M Sodium Phosphate; 0.1 M NaCl; pH 7.4

Other: > 95% pure by SDS PAGE

Preparation:

Prepared by denaturing methods:

Hayastu et. Al Biology of Vitronectins and their Receptors – Elsevier Science Publishers.