

Molecular Innovations, Inc.

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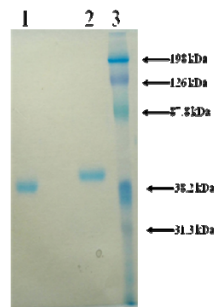
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Certificate of Analysis



Product: Human Renin

Date: 25 July 2009

Lot: HREN-709

Molecular Weight: 40,000 by SDS PAGE

Physical Specifications:

Physical Appearance: colorless frozen solution

Solubility: > 2 mg/mL

Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 0.44 $\epsilon^{0.1\%} = 1.1$

Concentration = 0.4 mg/mL

Considerations:

Storage Conditions: Store frozen at -70°C – stability > 3yr

Buffer Composition: 10mM Tris; 0.1M NaCl; pH 8.0

Other: > 98% pure by SDS PAGE.

99.996% active (< 17 ng/ml prorenin by ELISA)

Duane E. Day

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