

**Hinweis/Note:**

**PENTAPHARM**

Der Packungsbeileger dient nur als erste Information. Der relevante Packungsbeileger liegt der Ware bei.  
The datasheet is for information purposes only. The current datasheet will be enclosed with product shipment.

# Pefachrome<sup>®</sup> uPA 8294 (corresp. S-2444)

**Application:** Highly sensitive chromogenic peptide substrate for urokinase (uPA). Determination of urokinase for research, in-process and quality control.

**Formula:** pyro-Glu-Gly-Arg-pNA · HCl

**Principle:** pyro-Glu Gly-Arg-pNA + uPA ==> pyro-Glu-Gly-Arg-OH + pNA + uPA

**MW:** 498.9

**K<sub>M</sub>:** 6 µM

**V<sub>max</sub>:** 1.3 · 10<sup>-10</sup> mol/min

**Storage:** May be used by the expiry date given on the label when stored unopened, protected from moisture, in the dark, 2 - 8°C. Avoid contamination of the reagents by micro-organisms. Shipment of product does not require cooling during the time of transportation.

**Material required but not provided:**

Buffer, reference material

**Buffer:** 30 mM Tris-imidazole buffer pH 8.4, 300 mM NaCl

**Assay:** Suggested protocol for the determination of urokinase activity:

1.740 ml buffer 0.060 ml Urokinase (approx. 2500 IU/ml, Calbiochem) 0.200 ml Pefachrome <sup>®</sup> uPA 8294 (4 mM in water) => Determination of ΔOD/min at 405 nm, 37° C
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**Package size:** Vial containing 25mg Pefachrome<sup>®</sup>uPA 8294

**Code:** 082-33

FOR RESEARCH USE ONLY. NOT FOR HUMAN USE OR DRUG USE.

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