

**5-CHROM-44 UROKINASE
CHROMOGENIC SUBSTRATE****REF** 5D-30806**For Research Use Only.****Not for Use in Diagnostic Procedures.****Store at 2-8°C****25 mg****ORIGIN**

Synthetic generic Chromogenic substrate, highly purified and stabilized.

SPECIFICITY

Recommended substrate for Urokinase.

PRESENTATION

Vial containing 25 mg of 5-CHROM-44, lyophilized in presence of Mannitol as a bulking agent.

RECONSTITUTION

According to the research protocol used, the 5-CHROM-44 chromogenic substrate can be restored with variable volumes of distilled water; for example, 5 mL can be used for a substrate concentration of 5 mg/mL, or 20 mL for a substrate concentration of 1.25 mg/mL.

PEPTIDE SEQUENCE

pyro-Glu-Gly-Arg-pNa.HCl

CHEMICAL STRUCTURE $C_{19}H_{26}N_6O_6$, HCl**MOLARITY**

≈54 μmol/vial

PURITY GRADE

> 95 %

MOLECULAR WEIGHT

462.5

FREE pNA CONTENT (MEASURED ON SUBSTRATE AT 2.5 g/L) $OD_{405nm} \leq 0.300$ **USE**All research studies and protocols where a source of chromogenic substrate for Urokinase is required. **This kit is for research use only and should not be used for patient diagnosis or treatment.****RESPECTIVE REACTIVITIES**

APC	FXa	Plasmin	Kallikrein	Thrombin	Urokinase
1	2	1	2	<1	100

Assay conditions must be established for making the substrate totally specific for Urokinase.

STABILITY**Restored:**

- 7 days at room temperature
- 3 months at 2-8°C
- **Do not freeze**

Lyophilized:

- Until the expiration date printed on the vial.