

## THROMBIN

Determination of thrombin with S-2238.

### Reagents:

**Buffer:** 50 nM Tris, I 0.15, pH 8.3 with 0.2% BSA (10 ml buffer + 100  $\mu$ l 20% BSA)

**S-2238 (0.56 mM):** Dissolve 25 mg lyophilized substrate in 7.14 ml sterile water = 5.6 mM stock solution.

**Assay:** Dilute to a suitable sample concentration (0.5 – 1.0 nkat/ml after dilution with buffer)

Sample or buffer:	100 $\mu$ l
Incubate at 37°C	4 minutes
S-2238	100 $\mu$ l
Incubate at 37°C	3 minutes
Acetic Acid, 20%	50 $\mu$ l

Use buffer as a blank and subtract from sample absorbances.