

Lumi-Phos HRP

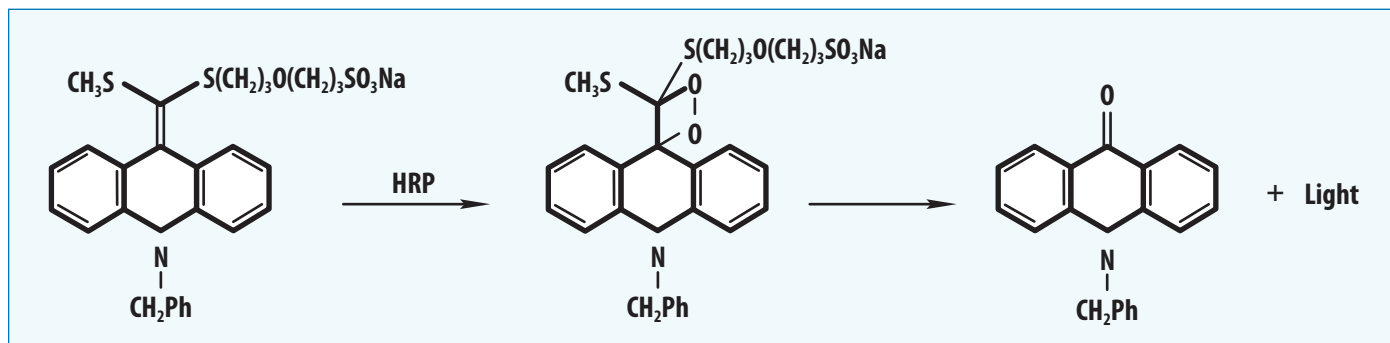
ELISA HRP Substrate

Lumi-Phos HRP (PS-atto) is a proprietary acridan based chemiluminescent substrate for ELISA detection of horseradish peroxidase (HRP) conjugated molecules.

Lumi-Phos HRP couples a broad dynamic range with rapid generation of sustained luminescence.

- ✦ **Excellent sensitivity** – less than 5 pg/mL of target protein in plate based ELISA
- ✦ **Rapid peak intensity** – reduced assay time and increased throughput
- ✦ **Sustained luminescence** – timing is less critical
- ✦ **Temperature insensitive** – analytical results are insensitive to temperatures from 22°C - 35°C reducing the need for precise temperature control

Reaction Mechanism



Excellent Sensitivity

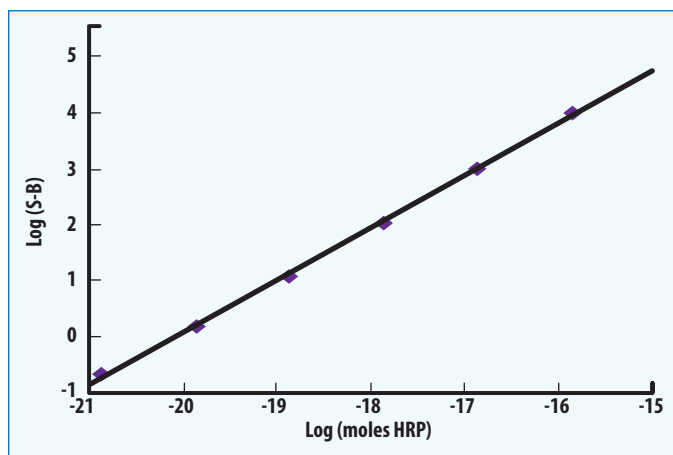


Figure 1. Lumi-Phos HRP couples a broad dynamic range with rapid generation of sustained luminescence and superior storage stability to provide unmatched convenience to the user.

Rapid Peak Intensity

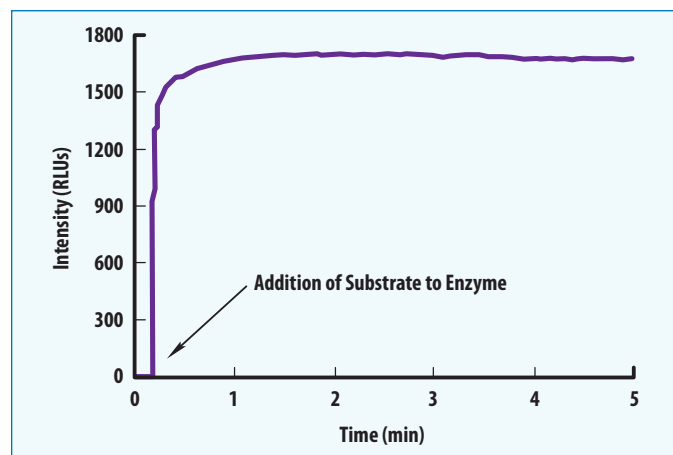


Figure 2. Lumi-Phos HRP reaches a sustained maximum light-output peak intensity within seconds of substrate addition. Signal intensities can be read at any time along the profile to produce linear calibration curves.



Product Specifications

Enzyme	Horseradish Peroxidase (HRP)
Application	ELISA
Sensitivity	Low picogram to femtogram

Ordering Information

Description	Catalog Number
Lumi-Phos HRP (100 mL)	PSA-100
Lumi-Phos HRP (1 L)	PSA-1000

Please visit www.LUMIGEN.com or contact LUMIGEN to request a quote.

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