AMP'D® ELISA Signal Amplification Kit

AMP'D® ELISA Signal Amplification Kit provides up to 50-fold increase in sensitivity over traditional ELISAs while detecting lower concentrations of target in samples.

The AMP'D® ELISA Signal Amplification kit is designed to replace traditional alkaline phosphatase (AP) substrates, such as pNPP (p-Nitrophenyl phosphate), with a combination substrate and amplifier system that results in greater sensitivity when compared to a classic substrate enzyme linked-immunosorbent assay (ELISA).

In the AMP'D® ELISA Signal Amplification kit, bound AP converts a substrate that is utilized in a second enzyme reaction system which is initiated by addition of the amplifier reagent. It is this amplification step that allows for greater (amplified) color production at lower analyte concentrations resulting in an increase in assay sensitivity.

Ordering Information

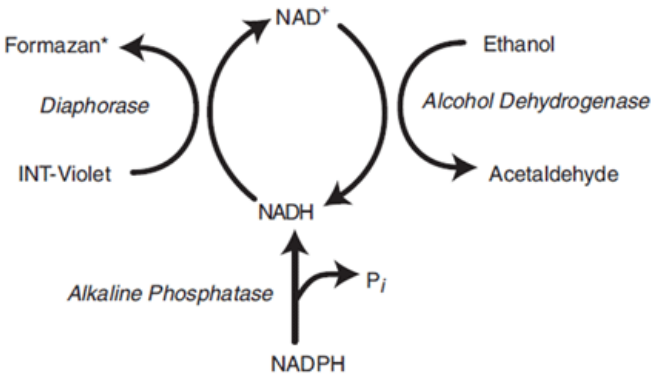
Order Online »

ENZ-KIT-100-0005	5 assays - 5x96 wells

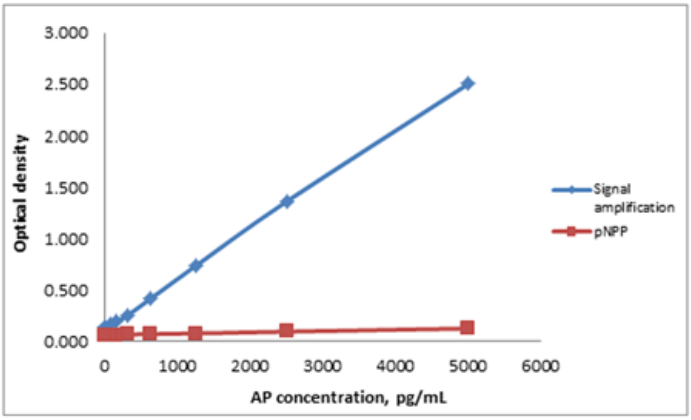
Manuals, SDS & CofA

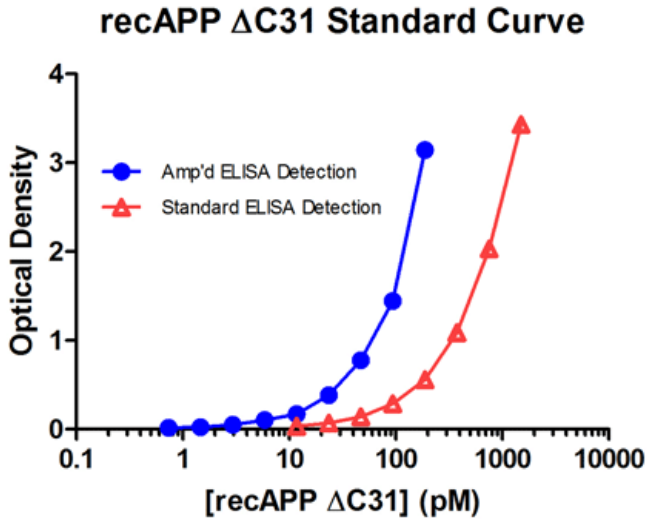
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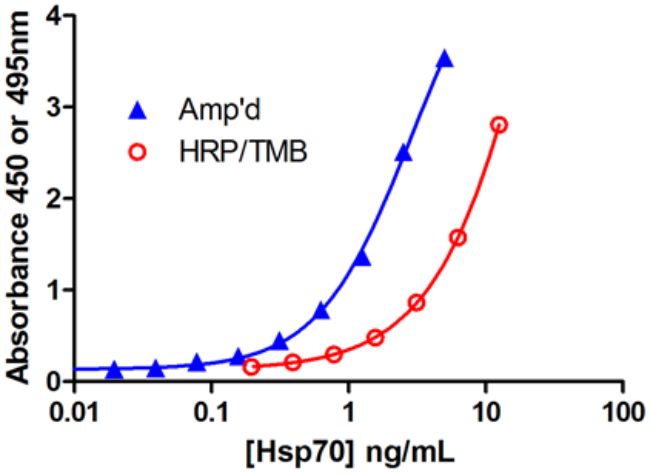
- Designed to amplify sandwich/immunometric ELISA signal
- Increase ELISA sensitivity greater than 10-fold
- Flexibility to work with own targets
- Convenient one or five 96-well plate formats for high throughput analysis
- Easy-to-use, simple procedure with results in just 30 minutes

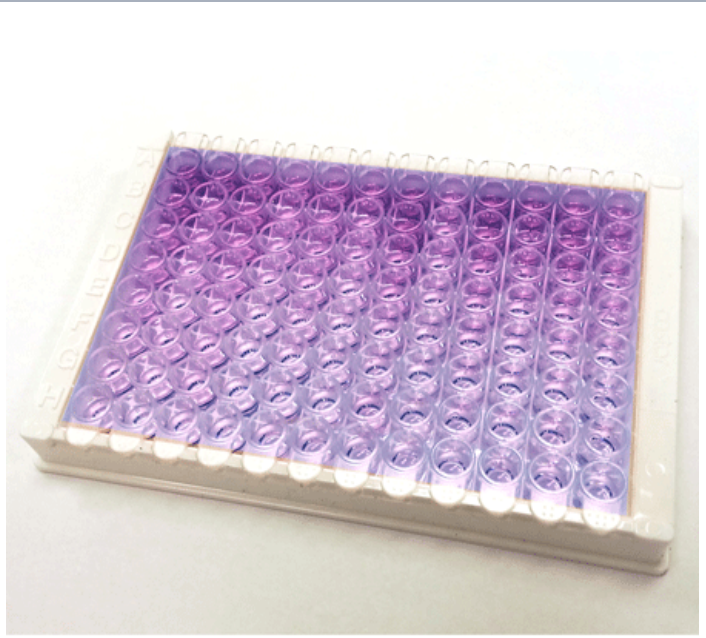


*Colored end product










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www.enzolifesciences.com

Handling & Storage

Handling	Upon receipt, the kit should be stored at 4°C.
Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	Colorimetric detection, ELISA
Application Notes	For the amplification of ELISA sensitivity designed to replace traditional alkaline phosphatase (AP) substrates. Assay should be read at a wavelength of 495nm.
Assay Time	30 minutes
Compatibility	This product is compatible with the **Absorbance 96 Plate Reader**.
Contents	Signal Amplification Substrate, Amplifier, Substrate Diluent, and Amplifier Diluent
Sensitivity	Improves ELISA sensitivity ~10 to 50-fold.
Wavelength	495 nm

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