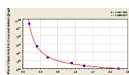


## Plant Vitamin A ELISA quantitation kit

Qty: AS15 3024



**AS15 3024 | Reactivity:** Plant Vitamin A

Price: 1019 €

**Background** | This ELISA immunoassay utilize the principle of competitive inhibition for quantitative determination of endogenous Vitamin A (VA) concentrations in plant tissues.

An antibody specific to VA is pre-coated on the surface of a micro titer plate. Standards or samples are added to the plate wells including VA conjugated to HRP. The reaction of competitive inhibition is initiated between the HRP conjugated Vitamin A and Vitamin A in the samples. A substrate solution is then added and the color develops which is inversely proportional to the amount of Vitamin A in the sample. The intensity of the color is measured after the reaction is stopped.

**This Plant Vitamin A ELISA kit contains the following reagents:**

Assay plate: 1x (96 wells)  
 Standards: 1 x 200 µl (10 x concentrate)  
 Sample diluent: 2 x 20 ml  
 HRP-conjugate: 1 x 120 µl (100 x concentrate)  
 HRP-conjugate Diluent: 1 x 10 ml  
 Washing Buffer: 1 x 20 ml (25 x concentrate)  
 TMB Substrate: 1 x 10 ml (store in the dark)  
 Stop Solution: 1 x 10 ml (contains acid, wear eye, hand, face and clothing protection)  
 Adhesive Strip: 4x (for 96 wells)

**This kit is for research purpose only.**

**Storage:** Store at 2-8°C. Opened kit can be stored at 2-8°C for maximum of 1 month.

**Expiry date:** Kit should not be used beyond expiry date.

**Detection range:** 0.625-10 ng/ml

**Specificity/Sensitivity:** High specificity and sensitivity for plant Vitamin A. No significant cross reactivity has been observed.

## Manual in Pdf

### Protocols and information