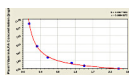


Plant Vitamin A ELISA quantitation kit

Qty: AS15 3024

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

Price: 1050 €

Background | This ELISA immunoassay utilizes 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](#)