

# APLPV EC Buffer (powder)

Catalog number: ACC 00320

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Lot number	Item	
_____	ACC 00320	8.5 g - makes 210 mL

## INTENDED USE

This conjugate diluent is used specifically with the *American plum line pattern virus* (APLPV) ELISA test. It provides special blocking to prevent background with healthy tissues.

## STORAGE

Store APLPV EC buffer (powder) at 4 °C. Agdia recommends preparing only as much 1X APLPV EC buffer as is needed for one day. Those who store buffers outside of this recommendation are advised to add sodium azide (Sigma S-2002) to 1X liquid buffers at a rate of 0.2 g per liter (0.02 %).

## PREPARING BUFFER FROM POWDER

APLPV EC buffer is used to dilute the concentrated enzyme conjugate. Working 1X APLPV EC buffer can be prepared directly from powder.

**Example:** To prepare 210 mL of 1X APLPV EC buffer

Buffer powder	8.5 g
Distilled water	210 mL

Shake the bottle of powdered buffer before measuring to ensure components are thoroughly mixed.

Measure the distilled water into a container and add the buffer powder while stirring. Stir 15 to 30 minutes or until the powder is dissolved. It is not recommended that the solution be heated to speed up the mixing process.

Note: This buffer powder contains healthy plant tissue that may not completely go into solution. As a result, a large orifice pipette tip may be needed to dispense EC into the testwells.