

ADP

Adenosine-5'-Diphosphate

Catalog No. 101312

The Gold Standard In Routine Platelet Function Testing



Net Contents: 3 x 0.5 mL

ADP (Adenosine-5'-Diphosphate) is for routine use in eliciting a concentration dependent activation or aggregation response in a Platelet Rich Plasma sample.

When added to Platelet Rich Plasma, **ADP stimulates platelets to change their shape and aggregate.**

Generate Multiple Platelet Responses

- Induces Platelet Shape Change
- Causes Primary Platelet Aggregation
- Generates Thromboxane A2
- Indicates Occurrence of Disaggregation Response
- Enhances Secondary Aggregation Induced by Granule Release
- Shows Blockade Effects on P2Y1, P2Y12, and P2X1 Receptors
- Displays Effects of LVAD on Platelet Function

Aggregation induced by exogenous ADP is referred to as primary aggregation and is reversible. Normal platelets will further respond by releasing endogenous ADP from their granules. Release of endogenous ADP results in a secondary wave of aggregation which is irreversible.



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