



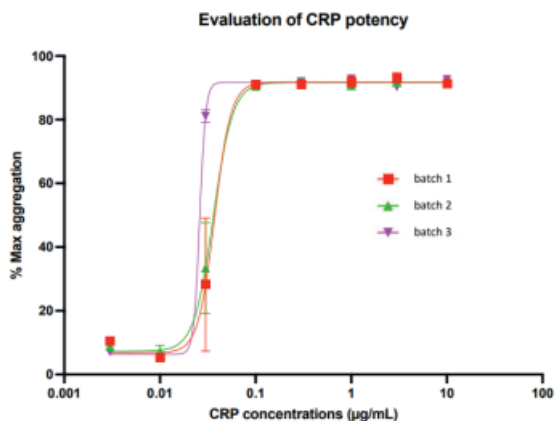
COLLAGEN RELATED PEPTIDE A (CRP-A): ADVANCED SYNTHETIC PLATELET ACTIVATOR

- Synthetic collagen-related peptide
- Triple helical chain structure with double crosslinking
- Supplied lyophilized in 0.5mg vials for optimal stability
- Functions as a potent agonist of the Glycoprotein VI (GPVI) receptor



Light Transmission Aggregometry (LTA)

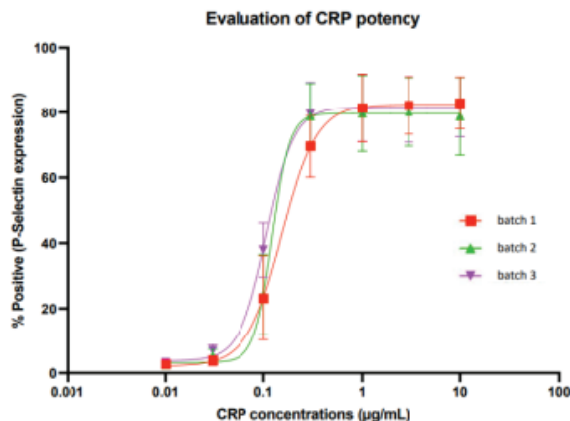
- Measures platelet aggregation in response to CRP-A stimulation
- Minimum dose for maximum aggregation: 0.08-0.14 $\mu\text{g/mL}$



Aggregation Response Curve

Flow Cytometry Analysis

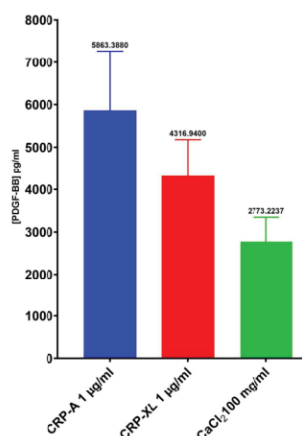
- Quantifies p-selectin expression as marker of activation
- Minimum dose for maximum activation: 0.22-0.30 $\mu\text{g/mL}$



Activation Measurement by Flow Cytometry

Rigorous biological activity testing demonstrates CRP-A's exceptional potency at low concentrations, providing laboratory technicians with a reliable and cost-effective platelet activator that delivers consistent results across multiple analytical platforms.

Growth Factor Release Profile of CRP-A



Comparative Growth Factor Analysis

Rigorous biological activity testing demonstrates CRP-A's exceptional potency at low concentrations, providing laboratory technicians with a reliable and cost-effective platelet activator that delivers consistent results across multiple analytical platforms.

Technical Advantages

- Functions as a potent GPVI pathway agonist
- Demonstrates high potency for both platelet activation and aggregation
- Compatible with platelet aggregometry methods.
- Exceptional purity exceeding 99%

Practical Benefits

- Stable product with a 2-year shelf life
- Consistently reliable from batch to batch
- Excellent biological and chemical stability
- Versatile compatibility with three different solvents for laboratory flexibility
- Scalable production for research needs of any size

This enhanced growth factor release profile makes CRP-A particularly valuable for research applications involving platelet-rich plasma (PRP) and other platelet-derived therapeutic approaches, where consistent activation and growth factor release are critical for experimental success.

It's not just support. It's solutions.

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