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## DATA SHEET

## CRP-A

(Cat # CP068)

### COLLAGEN RELATED PEPTIDE A (CRP-A)

**Specificity:** CRP-A is a strong and specific agonist of the glycoprotein GPVI (GPVI) receptor platelet activation pathway.

**Characteristic:** Synthetic collagen related peptide composed of Triple helical chain structure with double crosslinking.

**Quantity:** 0.5 mg

**Format:** Lyophilized powder

**Purity:** Purity > 99%

**Application:** Compatible with platelet aggregometry (LTA) and flow cytometry tests.

**Biological activity:** CRP-A activity is in the range of concentration from 0.03 µg/mL to 10 µg/mL.

**Preparation:** CRP-A powder can be dissolved at a minimum of 2.5mg/ml using water, saline or 0.01M acetic acid. Vortex before each use.

*Before using this product, make sure that all contents are collected at the bottom of the vial and not attached to the sides or inside the lid, by gently tapping the closed vial bottom down on a hard surface or centrifuge it briefly. We recommend that you liquify the entire content of the vial before transferring it to ensure the entire sample of CRP-A is used.*

**Storage:**

		Storage Temperature	Storage Period
Lyophilized	Long term storage	-20°C	Use by the expiry date indicated on the label
	Short term storage	Room temperature	4 weeks
After reconstitution	2.5mg/ml stock solution	-20°C	6 months
	2.5mg/ml stock solution	+4°C	6 months
	Less than 1mg/ml working solution	+4°C	6 months

Store reconstituted CRP-A in smaller aliquots at -20°C to avoid multiple freeze thaw cycles.