

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: R01772 **Lot #:** 6I27321

Description: CRP, Canine Recombinant
C-Reactive Protein (CRP) Canine Recombinant
Product does not contain a tag.
Contains 204 a. a.
Molecular Weight: 23.2 kDa (theoretical non-glycosylated); 24.4 kDa (theoretical glycosylated).

Source: Insect Cell Line

Format: Purified, Lyophilized

Purification: > 95% Purity (SDS-PAGE)

Concentration: 2.10 mg/mL (OD280nm, $E^{0.1\%} = 1.63$) prior to lyophilization.

Buffer: Lyophilized from 20 mM Tris-HCl, pH 7.5, 150 mM Sodium Chloride, 2 mM Calcium Chloride.
Reconstitute with deionized water to a concentration equal to the concentration prior to lyophilization. After reconstitution with deionized water, use the initial buffer, stated above, to make further dilutions.

Preservative: None

Applications: Suitable for use in ELISA and other applications. May be used as a calibrator. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Recommended pairs for sandwich immunoassay:

<u>Capture Mab</u>	<u>Detection MAb</u>	<u>Antigen</u>
M01347M	M01345M	R01772
M01348M	M01345M	R01772

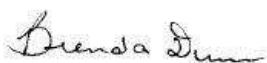
Storage: Store at -20°C. After reconstitution, aliquot and store at -20°C to avoid multiple freeze/thaw cycles.

Inactivation: Not Applicable

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Patent Info: This product has been manufactured, marketed, distributed and sold under a license to Patent No. JP 2010-133601, and patents and patent applications identical thereto filed in any other jurisdictions in the world by Nitto Boseki Co., Ltd., National Agriculture and Food Research Organization and/or their successors and permitted assignees.
Please note: Companies producing assays utilizing this product for commercial purposes shall need to include and shall need to require their subcontractors, distributors, agents and sales representatives to include the following marking with the relevant technical documentation delivered in connection with the products to be sold or distributed: "Recombinant Canine CRP used in this product has been manufactured and is being marketed, distributed or sold under a license to patent No. JP 2010-133601, and patents and patent applications identical thereto filed in any other jurisdictions in the world by Nitto Boseki Co., Ltd., National Agriculture and Food Research Organization and/or their successors and permitted assignees."

Quality Signature:



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