



# Finecare™ Vet

## Total CRP (C-Reactive Protein) Interpretation Chart

This Canine CRP Reference Chart is designed to work only with the Wondfo FineCare Vet test kits. Comparing values to laboratory results using different analyzers will not render useful comparisons. This test is not intended to diagnose, treat, or cure any diseases, and is to be used as a screening tool only. This test is not intended to replace standard veterinarian testing and screening. Incorrect testing procedures and assay handling will render the test result invalid.

### NORMAL RANGE

**<30 mg/L**

Results in this range are not expected to have infection  
inflammation

### ELEVATED RANGE

**30-100  
mg/L**

Animals with results within this range are expected to  
have inflammation or infection.

*Results in this range do not constitute a diagnosis*

### HIGH RANGE

**100mg/L  
and above**

Acute infection or inflammation likely, follow up with  
veterinarian immediately

The ranges listed above has been compiled through reference range study using 50 different canine serum samples to generate ranges based on normal population distribution. Numbers from other analyzers will always have different ranges since every analyzer has a different method of measurement. Study was performed by Samuel Decker of MR Diagnostic Services. Intellectual property of MR Diagnostic Services 2023

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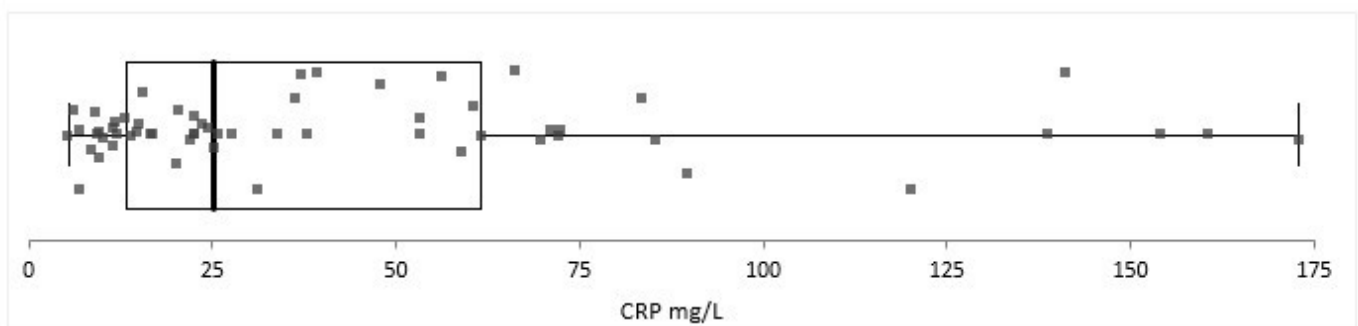
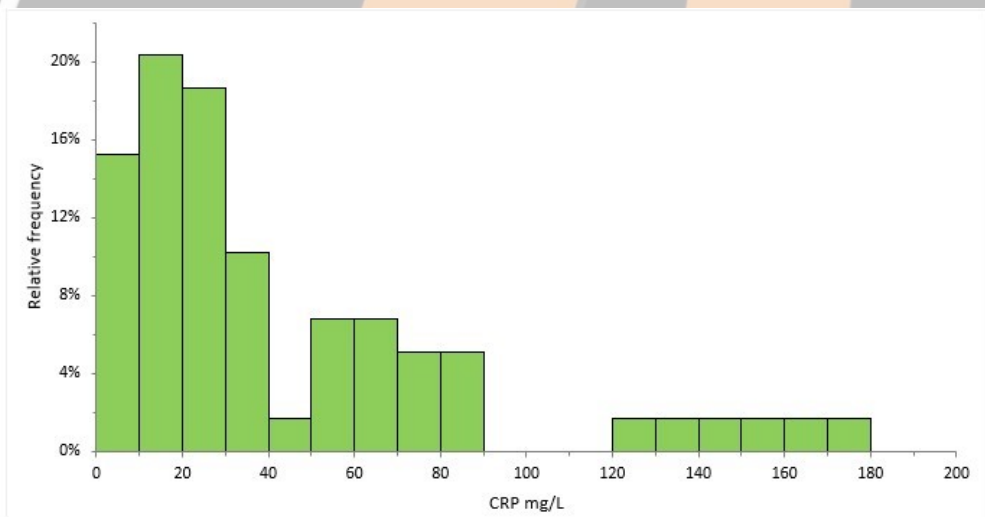
An in-house study was performed and self-funded by CanineP4.com (intellectual property rights owner) with a healthy group of female dogs using the Wondfo CRP (C-Reactive Protein) serum tests. The distribution is as below. Expected normal ranges are given in the front of the chart.

What is CRP and what are the implications?

CRP, which stands for C-Reactive Protein, is a protein made by the liver after experiencing an increase in inflammatory cytokine production, CRP is an acute-phase protein that responds directly to levels of inflammation in the body. High CRP counts can be related to pyometra, pancreatitis, IBD, bacterial infections such as staphylococcus, pyometra, and leptospirosis, and viral infections such as parvovirus, influenza, adenovirus, and more. CRP measures systemic inflammation and can't distinctly diagnose any particular infection, however it can be used to monitor and screen for infection. CRP, once the infection or tissue damage is resolved and treated, will decrease significantly.

\*Malin, K., & Witkowska-Piłaszewicz, O. (2022, October 21). *C-reactive protein as a diagnostic marker in dogs: A Review*. MDPI. Retrieved February 6, 2023, from <https://www.mdpi.com/2076-2615/12/20/2888>

\*Idexx Laboratories. (n.d.). Detect and Trend Systemic Inflammation in Dogs with the New Catalyst CRP Test.



N | 59

|          | Mean    | Mean SE      | SD     | Skewness     | Kurtosis |
|----------|---------|--------------|--------|--------------|----------|
| CRP mg/L | 44.07   | 5.528        | 42.46  | 1.6          | 1.85     |
|          | Minimum | 1st quartile | Median | 3rd quartile | Maximum  |
| CRP mg/L | 5.4     | 13.32        | 25.20  | 61.45        | 173.0    |