

**User's Manual**

# 5-Carboxylcytosine (5-caC) DNA Antibody Pair Set

**REF****ABPR-JX03B**

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**RUO**

This product is for research use only and is not intended for diagnostic use.

For illustrative purposes only. To perform the assay the instructions for use provided with the kit have to be used.

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## PRODUCT INFORMATION

### Intended Use

Quantitative determination of 5-Carboxylcytosine

### General Description

ABPR-JX03B detects 5-Carboxylcytosine (5-caC) in denatured DNA (single strand DNA). It does not react to non-methylated cytosine and other modified cytosine (5-mC, 5-hmC, or 5-fC) in DNA. ABPR-JX03B includes capture and detection antibodies for Sandwich ELISA assays.

### Reagents And Materials Provided

1. Capture Antibody: Rabbit Anti-5-Carboxylcytosine Monoclonal Antibody, Clone SN573, 50 µg at 1.0 mg/mL in 50% Glycerol/PBS with 0.09% sodium azide, without BSA or other carrier proteins.
2. Detection Antibody: Rabbit Anti-Adenine and Guanine Monoclonal Antibody, Clone SN587 [Biotin], 25 µg at 1.0 mg/mL in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide.

### Storage

Components Stable for 1 Year at -20°C from date of receipt.

### Specificity

ABPR-JX03B detects 5-Carboxylcytosine (5-caC) in denatured DNA (single strand DNA). It does not react to non-methylated cytosine and other modified cytosine (5-mC, 5-hmC, or 5-fC) in DNA.