



## LABORATORY REPORT

Example Client, XYZ123  
1234 Warde Road  
Ann Arbor MI 48108

**EXAMPLE, REPORT W**  
WX0000003827 M 07/08/1978 45 Y

### Referral Testing

Collected: 09/12/2023 11:39

Received: 09/12/2023 11:39

| <u>Test Name</u> | <u>Result</u> | <u>Flag</u> | <u>Ref-Ranges</u> | <u>Units</u> | <u>Site</u> |
|------------------|---------------|-------------|-------------------|--------------|-------------|
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#### Neutrophil Oxidative Burst

EER Neutrophil Oxidative Burst

See Note

ARRL

Normal granulocyte dihydrorhodamine fluorescence suggesting normal NADPH oxidase activity.

Eszter Lazar-Molnar PhD, D(ABMLI)  
INTERPRETIVE INFORMATION: Neutrophil Oxidative Burst Assay

White blood cells are incubated with dihydrorhodamine 123 (DHR) and catalase then stimulated with Phorbol 12-Myristate 13-Acetate (PMA). Dihydrorhodamine oxidation to rhodamine by the respiratory burst of the cell is measured by flow cytometry.

Results are reported as the ratio of the mean channel fluorescence of stimulated cells versus unstimulated cells, which yields a stimulation index (SI).

This test requires the submission of a client control sample to determine whether abnormal results observed in the patient sample are due to artifacts of specimen collection, transport, and/or handling, or patient condition. Abnormal patient results in the absence of a client submitted control sample should be correlated clinically and interpreted with caution.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

Neutrophil Oxidative Burst

See Note

ARRL

Authorized individuals can access the ARUP Enhanced Report using the following link:

Performed By: ARUP Laboratories  
500 Chipeta Way  
Salt Lake City, UT 84108  
Laboratory Director: Jonathan R. Genzen, MD, PhD

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED

F312000012  
WX0000003827  
Printed D&T: 09/22/23 11:01

Ordered By: KAJAL SITWALA, MD, PhD  
WX00000000002365

Kajal V. Sitwala, MD, PhD - Medical Director  
Form: MM RL1  
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Example Client, XYZ123  
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Ann Arbor MI 48108

### EXAMPLE, REPORT W

WX0000003827 M 07/08/1978 45 Y

Performing Site:

ARRL: ARUP REFERENCE LAB 500 Chipeta Way Salt Lake City UT 841081221

**Reported Date:** 2023.09.22 11:40 NEUOB

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED

F312000012  
WX0000003827

Printed D&T: 09/22/23 11:01

Ordered By: KAJAL SITWALA, MD, PhD  
WX00000000002365

Kajal V. Sitwala, MD, PhD - Medical Director

Form: MM RL1

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