

LABORATORY REPORT

Example Client, XYZ123 1234 Warde Road Ann Arbor MI 48108

EXAMPLE, REPORT W

WX0000003827 M 07/08/1978 45 Y

| | | _ | | | | | |
|--|-----------------|---------------|-----------|-------------------|--------------|-------------|--|
| | Allergy Testing | ı - Panels | 3 | | | | |
| | Collected | d: 09/28/2023 | 07:48 | Received: | 09/28/2023 | 07:48 | |
| Test Name | <u>Result</u> | Flag | Ref-Range | <u>s</u> <u>l</u> | <u>Jnits</u> | <u>Site</u> | |
| HazeInut IgE with Reflex to Components | | | | | | | |
| Hazel Nut, IgE | 2.70 | Н | <0.10 | k | (U/L | WMRL | |
| Hazel Nut Class | CLASS 2 | | | | | WMRL | |
| Cor a 1 (f428) | <0.10 | | <0.10 | k | (U/L | WMRL | |
| Cor a 1 Class | CLASS 0 | | | | | WMRL | |
| Cor a 8 (f425) | <0.10 | | <0.10 | k | (U/L | WMRL | |
| Cor a 8 Class | CLASS 0 | | | | | WMRL | |
| Cor a 9 (f440) | 0.93 | Н | <0.10 | k | (U/L | WMRL | |
| Cor a 9 Class | CLASS 2 | | | | | WMRL | |
| Cor a 14 (f439) | <0.10 | | <0.10 | k | kU/L | WMRL | |
| Cor a 14 Class | CLASS 0 | | | | | WMRL | |

Sensitization to Cor a 9 and Cor a 14 may indicate an increased risk of systemic allergic response upon exposure to hazelnut. Patients may be allergic to peanuts and other tree nuts (walnut and Brazil nut). Sensitization to Cor a 1 alone is typically associated with local reactions. Cor a 1 may be associated with cross-reactivity and sensitization to birch pollen. Sensitization to Cor a 8 is associated with systemic allergic reactions or local oral symptoms as well as symptoms to other lipid transfer protein containing food such as peach, lettuce, peanut, walnut, and cherry. Reactivity to whole hazelnut without reactivity to hazelnut components may be explained by sensitization to other hazelnut storage proteins, cross reactivity with pollen proteins, or cross-reactive carbohydrates.

Allergy Interpretation See Below WMRL

. . . .

| CLASS | kU/L | Level of Allergen Specific IgE Antibody |
|-------|--------------|---|
| | | |
| 0 | <0.10 | Undetectable |
| 0/1 | 0.10 - 0.34 | Very Low Level |
| 1 | 0.35 - 0.69 | Low Level |
| 2 | 0.70 - 3.49 | Moderate Level |
| 3 | 3.50 - 17.4 | High Level |
| 4 | 17.5 - 49.9 | Very High Level |
| 5 | 50.0 - 100.0 | Very High Level |
| 6 | >100.0 | Very High Level |

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

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Example Client, XYZ123 1234 Warde Road Ann Arbor MI 48108 **EXAMPLE, REPORT W**WX0000003827 M 07/08/1978 45 Y

Performing Site:

WMRL: WARDE MEDICAL LABORATORY 300 West Textile Road Ann Arbor MI 48108

Reported Date: 2023.09.28 7:50 HZLRP

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

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Kajal V. Sitwala, MD, PhD - Medical Director Form: MM RL1 PAGE 2 OF 2