

Date Collected: 11/17/2025

Date Received: 11/17/2025

Date Reported: 11/18/2025

Fasting: Not Given

Ordered Items: Allergens w/Comp Rflx Area 20

General Comments & Additional Information

Clinical Info: NORMAL REPORT

Date Collected: 11/17/2025

Allergens w/Comp Rflx Area 20

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Class Description ⁰¹	Levels of Specific IgE	Class	Description of Class	
	< 0.10	0	Negative	
	0.10 - 0.31	0/I	Equivocal/Low	
	0.32 - 0.55	I	Low	
	0.56 - 1.40	II	Moderate	
	1.41 - 3.90	III	High	
	3.91 - 19.00	IV	Very High	
	19.01 - 100.00	V	Very High	
	>100.00	VI	Very High	
Immunoglobulin E, Total ⁰¹	410		IU/mL	6-495
M006-IgE Alternaria alternata ⁰¹	<0.10		kU/L	Class 0
M003-IgE Aspergillus fumigatus ⁰¹	<0.10		kU/L	Class 0
G017-IgE Bahia Grass ⁰¹	<0.10		kU/L	Class 0
*T056-IgE Bayberry/Sweet Gale ⁰¹	<0.10		kU/L	Class 0
G002-IgE Bermuda Grass ⁰¹	<0.10		kU/L	Class 0
E001-IgE Cat Dander ⁰¹	<0.10		kU/L	Class 0
W013-IgE Cocklebur ⁰¹	<0.10		kU/L	Class 0
I006-IgE Cockroach, German ⁰¹	<0.10		kU/L	Class 0
W001-IgE Ragweed, Short ⁰¹	<0.10		kU/L	Class 0
D001-IgE D pteronyssinus ⁰¹	<0.10		kU/L	Class 0
D002-IgE D farinae ⁰¹	<0.10		kU/L	Class 0
E005-IgE Dog Dander ⁰¹	<0.10		kU/L	Class 0
W009-IgE Plantain, English ⁰¹	<0.10		kU/L	Class 0
T018-IgE Eucalyptus ⁰¹	<0.10		kU/L	Class 0
M002-IgE Cladosporium herbarum ⁰¹	<0.10		kU/L	Class 0
T020-IgE Mesquite ⁰¹	<0.10		kU/L	Class 0
E071-IgE Mouse Epithelium ⁰¹	<0.10		kU/L	Class 0
M004-IgE Mucor racemosus ⁰¹	<0.10		kU/L	Class 0
T072-IgE Palm, Queen ⁰¹	<0.10		kU/L	Class 0
M001-IgE Penicillium chrysogen ⁰¹	<0.10		kU/L	Class 0
G005-IgE Rye Grass, Perennial ⁰¹	<0.10		kU/L	Class 0
W014-IgE Pigweed, Common ⁰¹	<0.10		kU/L	Class 0

Date Collected: 11/17/2025

Allergens w/Comp Rflx Area 20 (Cont.)

T016-IgE Pine, White ⁰¹	<0.10	kU/L	Class 0
W005-IgE Wormwood ⁰¹	<0.10	kU/L	Class 0
T070-IgE White Mulberry ⁰¹	<0.10	kU/L	Class 0
E072-IgE Mouse Urine ⁰¹	<0.10	kU/L	Class 0

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Test	Current Result and Flag	Units	Reference Interval
★	Tests with asterisk (*) were developed and had performance characteristics determined by LabCorp. These tests have not been cleared or approved by the U.S. Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary. These tests are used for clinical purposes. These tests should not be regarded as investigational or for research.		

Previous Result

The Previous Result is listed for the most recent test performed by Labcorp in the past 5 years where there is sufficient patient demographic data to match the result to the patient. Results from certain tests are excluded from the Previous Result display.

Icon Legend

▲ Out of Reference Range ■ Critical or Alert

Performing Labs

01: BN - Labcorp Burlington, 1447 York Court, Burlington, NC 27215-3361 Dir: Sanjai Nagendra, MD
For inquiries, the physician may contact Branch: 800-222-7566 Lab: 336-222-7566

Patient Details Sample Report, 607120 Phone: Date of Birth: 01/11/1999 Age: 26 Sex: Male Patient ID: Alternate Patient ID:	Physician Details LabCorp Test Master 458 South Main Street, BURLINGTON, NC, 27215 Phone: 999-999-9999 Account Number: 90000999 Physician ID: NPI:	Specimen Details Specimen ID: 321-990-9532-0 Control ID: Alternate Control Number: Date Collected: 11/17/2025 0000 Local Date Received: 11/17/2025 0000 ET Date Entered: 11/17/2025 1129 ET Date Reported: 11/18/2025 1420 ET
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Date Collected: 11/17/2025

Date Received: 11/17/2025

Date Reported: 11/18/2025

Fasting: Not Given

Ordered Items: Allergens w/Comp Rflx Area 20; Allergen Component Comments

General Comments & Additional Information

Clinical Info: ABNORMAL REPORT

Date Collected: 11/17/2025

Allergens w/Comp Rflx Area 20

Test	Current Result and Flag		Previous Result and Date	Units	Reference Interval
Class Description ⁰¹	Levels of Specific IgE		Class	Description of Class	
	< 0.10		0	Negative	
	0.10 - 0.31		0/I	Equivocal/Low	
	0.32 - 0.55		I	Low	
	0.56 - 1.40		II	Moderate	
	1.41 - 3.90		III	High	
	3.91 - 19.00		IV	Very High	
	19.01 - 100.00		V	Very High	
	>100.00		VI	Very High	
▲ Immunoglobulin E, Total ⁰¹	550	High		IU/mL	6-495
▶ M006-IgE Alternaria alternata ⁰¹	0.10	Abnormal		kU/L	Class 0/I
▶ M003-IgE Aspergillus fumigatus ⁰¹	0.10	Abnormal		kU/L	Class 0/I
G017-IgE Bahia Grass ⁰¹	<0.10			kU/L	Class 0
*T056-IgE Bayberry/Sweet Gale ⁰¹	<0.10			kU/L	Class 0
G002-IgE Bermuda Grass ⁰¹	<0.10			kU/L	Class 0
▶ E001-IgE Cat Dander ⁰¹	0.40	Abnormal		kU/L	Class I
▶ E094-IgE Fel d 1 ⁰¹	0.20	Abnormal		kU/L	Class 0/I
E220-IgE Fel d 2 ⁰¹	<0.10			kU/L	Class 0
E228-IgE Fel d 4 ⁰¹	<0.10			kU/L	Class 0
▶ E231-IgE Fel d 7 ⁰¹	0.10	Abnormal		kU/L	Class 0/I
W013-IgE Cocklebur ⁰¹	<0.10			kU/L	Class 0
▶ I006-IgE Cockroach, German ⁰¹	0.10	Abnormal		kU/L	Class 0/I
▶ W001-IgE Ragweed, Short ⁰¹	1.00	Abnormal		kU/L	Class II
▶ D001-IgE D pteronyssinus ⁰¹	0.10	Abnormal		kU/L	Class 0/I
▶ D002-IgE D farinae ⁰¹	0.10	Abnormal		kU/L	Class 0/I
▶ E005-IgE Dog Dander ⁰¹	0.85	Abnormal		kU/L	Class II
▶ E101-IgE Can f 1 ⁰¹	0.20	Abnormal		kU/L	Class 0/I
E102-IgE Can f 2 ⁰¹	<0.10			kU/L	Class 0
▶ E221-IgE Can f 3 ⁰¹	0.10	Abnormal		kU/L	Class 0/I
▶ E229-IgE Can f 4 ⁰¹	0.10	Abnormal		kU/L	Class 0/I
E226-IgE Can f 5 ⁰¹	<0.10			kU/L	Class 0
▶ E230-IgE Can f 6 ⁰¹	0.10	Abnormal		kU/L	Class 0/I

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Allergens w/Comp Rflx Area 20 (Cont.)

▶ W009-IgE Plantain, English ⁰¹	0.10	Abnormal	kU/L	Class 0/I
▶ T018-IgE Eucalyptus ⁰¹	0.10	Abnormal	kU/L	Class 0/I
M002-IgE Cladosporium herbarum ⁰¹	0.10	Abnormal	kU/L	Class 0/I
▶ T020-IgE Mesquite ⁰¹	0.10	Abnormal	kU/L	Class 0/I
▶ E071-IgE Mouse Epithelium ⁰¹	0.10	Abnormal	kU/L	Class 0/I
▶ M004-IgE Mucor racemosus ⁰¹	0.10	Abnormal	kU/L	Class 0/I
T072-IgE Palm, Queen ⁰¹	<0.10		kU/L	Class 0
M001-IgE Penicillium chrysogen ⁰¹	0.10	Abnormal	kU/L	Class 0/I
G005-IgE Rye Grass, Perennial ⁰¹	0.10	Abnormal	kU/L	Class 0/I
W014-IgE Pigweed, Common ⁰¹	<0.10		kU/L	Class 0
▶ T016-IgE Pine, White ⁰¹	0.20	Abnormal	kU/L	Class 0/I
W005-IgE Wormwood ⁰¹	<0.10		kU/L	Class 0
▶ T070-IgE White Mulberry ⁰¹	0.10	Abnormal	kU/L	Class 0/I
▶ E072-IgE Mouse Urine ⁰¹	0.10	Abnormal	kU/L	Class 0/I

Allergen Component Comments

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Comment ⁰²	Note			
----- Although the use of component IgE testing may enhance the evaluation of potentially allergic individuals over the use of whole extracts alone, these results should be interpreted in the context of a patient's clinical history. ***** CAT IGE ASSESSMENT - Cat dander IgE >0.34 kU/L triggered the performance of cat component testing. IgE to the secretoglobulin Fel d 1 and the lipocalin Fel d 7 was detected. - Fel d 1 is the most frequently observed sensitizing cat allergen. Fel d 1 is a hallmark allergen in cat allergy and Fel d 1 positivity is considered to denote primary cat sensitization. Fel d 1 sensitization can serve as a prognostic marker of future cat allergy and allergic asthma. Fel d 7 is a lipocalin present in cat saliva, lachrymal fluid, and on cat hair. Fel d 7 shares a substantial sequence identity (62%) with the major dog allergen Can f 1, giving it high potential for cross-reactivity in dog-sensitized patients. The great majority of patients with sensitization to Fel d 7 are also sensitized to Fel d 1 and/or Can f 1. Current asthma and asthma symptoms following contact with cats has been associated with co-sensitization to Fel d 1 and Fel d 7. ***** DOG IGE ASSESSMENT - Dog dander IgE >0.34 kU/L triggered the performance of dog				

Date Collected: 11/17/2025

Allergen Component Comments (Cont.)

component testing. IgE to the lipocalin Can f 1, the albumin Can f 3, the lipocalin Can f 4 and the lipocalin Can f 6 were detected.

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Can f 1, a lipocalin protein, displays some cross-reactivity with cat component Fel d 7 and may contribute to symptoms in both cat- and dog-allergic patients. Can f 1 IgE is superior to dog allergen extract IgE in diagnosing dog allergy. Can f 1 sensitization can serve as a prognostic marker of future dog allergy and allergic asthma. Fel d 7 (from cat) and Can f 1 (from dog) are structurally similar lipocalins and co-sensitization to both is common. It can be difficult to discern when sensitization to both indicates clinical allergy to both cats and dogs or only molecular cross-reactivity. Comparison of IgE levels of these two components may help to diagnose the primary sensitizer. Can f 3 is dog albumin and is highly cross-reactive with other mammalian albumins. Can f 3 sensitization may play a role in the progression to polysensitization and clinical allergies to other animals. Can f 4 is a lipocalin protein that is the most abundantly detected allergen in dog fur and a major allergen component of dog hair and dander extracts. Sensitization to Can f 4 is associated with asthma and can serve as a marker for clinically relevant dog allergy. Can f 6 is a lipocalin protein that is produced by the submaxillary gland of dogs and found in dog dander. A high IgE level of IgE to Can f 6 is associated with severe allergic symptoms in dog dander sensitized individuals. Can f 6 belongs to a subgroup of lipocalins including Fel d 4 in cat, Equ c 1 in horse and Mus m 1 in mouse among which a significant level of cross-reactivity occurs.

MULTIPLE FURRY ANIMAL SENSITIZATION

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Testing has revealed that this patient is sensitized to several lipocalins from furry animals. This pattern of sensitization is often associated with respiratory allergic disease.

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Icon Legend

▲ Out of Reference Range ■ Critical or Alert

Performing Labs
01: BN - Labcorp Burlington, 1447 York Court, Burlington, NC 27215-3361 Dir: Sanjai Nagendra, MD
02: LITNC - Labcorp Clinical / Digital, 10 Moore Drive, Durham, NC 27709-0009 Dir: Jennifer Ennis, MD
For inquiries, the physician may contact Branch: 800-222-7566 Lab: 336-222-7566

Patient Details	Physician Details	Specimen Details
Sample Report, 607120		Specimen ID: 321-990-9533-0
	LabCorp Test Master	Control ID:
	458 South Main Street, BURLINGTON, NC, 27215	Alternate Control Number:
Phone:		Date Collected: 11/17/2025 0000 Local
Date of Birth: 02/22/1998		Date Received: 11/17/2025 0000 ET
Age: 27	Phone: 999-999-9999	Date Entered: 11/17/2025 1130 ET
Sex: Male	Account Number: 90000999	Date Reported: 11/18/2025 1420 ET
Patient ID:	Physician ID:	
Alternate Patient ID:	NPI:	