

ALPHA-GAL SYNDROME

NON-IMMEDIATE NOTIFICATION

EPIDEMIOLOGY PROGRAM

Event Name:	AGS	
Event Time Period:	Lifelong	
Clinical Description (CDC 2021):	Acute onset of any one or more of the following allergic and/or gastrointestinal symptoms that occur 2-10 hours after ingestion of pork, beef, lamb, any other mammalian meat, or any mammalian-derived product (e.g. gelatin), OR within two hours after intramuscular, intravenous, or subcutaneous administration of alpha-gal-containing vaccination or medication: <ul style="list-style-type: none">• Abdominal pain• Nausea• Diarrhea• Vomiting• Heartburn/indigestion• Hives• Itching• Anaphylaxis as diagnosed by a provider• Swelling of one or more of the following: lips, tongue, throat, face, eyelids, or other associated structures• Shortness of breath• Cough• Wheezing• Acute episode of hypotension AND The absence of a clear alternative diagnosis.	
CDC Event Classification (2021):	<i>Confirmed</i>	A case that meets the clinical criteria and meets the following confirmatory laboratory criteria: <ul style="list-style-type: none">• Serum or plasma immunoglobulin E specific to alpha-gal (sIgE) ≥ 0.1 IU/mL or ≥ 0.1 kU/L.
	<i>Probable</i>	A case that meets the clinical criteria and meets the presumptive laboratory criteria: <ul style="list-style-type: none">• An allergy skin test result that is interpreted by the ordering provider as consistent with alpha-gal allergy based on sensitivity to one or more mammalian meats (e.g. pork, beef, lamb) or other mammalian-derived products.
	<i>Suspect</i>	A case that meets confirmatory laboratory evidence with no clinical information available.
Massachusetts Event Classification (2026):	<i>Same as CDC.</i>	

ALPHA-GAL SYNDROME (continued)

Report type	Test Type	Source	Result	New event or beyond report period?	Data Entry
Laboratory Report	IgE	Blood	Positive	Yes	New event SUSPECT
				No	Same event
<i>Select:</i>		Galactose-alpha-1,3-galactose Ab.IgE			