MAYO CLINIC
Mayo Medical Laboratories

Test Definition: NAGW

Hexosaminidase A and Total Hexosaminidase, Leukocytes

Reporting Title: Hexosaminidase A and Total, WBC
Performing Location: Rochester

Specimen Requirements:

Specimen must arrive within 96 hours of draw to be stabilized. Draw specimen Monday through Thursday only and not the day before a holiday. Specimen should be drawn and packaged as close to shipping time as possible.

Container/Tube:
Preferred: Yellow top (ACD solution B)
Acceptable: Yellow top (ACD solution A)
Specimen Volume: 7 mL
Collection Instructions: Do not transfer blood to other containers.
Forms: New York Clients-Informed consent is required. Please document on the request form or electronic order that a copy is on file. An Informed Consent for Genetic Testing (Supply T576) is available in Special Instructions.

Specimen Type	Temperature	Time
Whole Blood ACD	Refrigerated (preferred)	4 days
	Ambient	4 days

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
8775	Hexosaminidase Total, WBC **Also used by tests: NAGR**	Numeric	nmol/min/mg	24075-4
2294	Hexosaminidase Percent A, WBC **Also used by tests: NAGR**	Numeric	%	23825-3
2284	Interpretation (NAGW) **Also used by tests: NAGR**	Alphanumeric		48767-8
35029	Reviewed By	Numeric		In Process

CPT Code: 2 × 83080

Reference Values:

HEXOSAMINIDASE TOTAL
< or =15 years: > or =20 nmol/min/mg
> or =16 years: 16.4-36.2 nmol/min/mg

HEXOSAMINIDASE PERCENT A
< or =15 years: 20-80% of total
> or =16 years: 63-75% of total