MAYO CLINIC
Mayo Medical Laboratories

Test Definition: NAGR

Hexosaminidase A and Total, Leukocytes/Molecular Reflex

Reporting Title: Hexosaminidase A and Tot, WBC/Mole
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

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
FBC	CG030	Source: • Autopsy • Chorionic Villi • Products of Conception or Stillbirth	Answer List	No
FBC	CG033	Reason for Referral	Plain Text	No
AFC	CG132	Reason For Referral	Plain Text	No

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
8775	Hexosaminidase Total, WBC **Also used by tests: NAGW**	Numeric	nmol/min/mg	24075-4
2294	Hexosaminidase Percent A, WBC **Also used by tests: NAGW**	Numeric	%	23825-3

Result ID	Reporting Name	Type	Unit	LOINC®
2284	Interpretation (NAGW) **Also used by tests: NAGW**	Alphanumeric		48767-8
35029	Reviewed By	Numeric		In Process

CPT Code: 2 × 83080

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
TSD	Tay-Sachs, Mutation Analysis	1	81255	No	Yes
FBC	Fibroblast Culture for Genetic Test		Profile	No	Yes
AFC	Amniotic Fluid Culture/Genetic Test		Profile	No	Yes
MCC	Maternal Cell Contamination, B	1	81265	No	Yes

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
TSD	17379	Specimen	Alphanumeric		31208-2
TSD	17380	Specimen ID	Alphanumeric		N/A
TSD	17381	Source	Alphanumeric		N/A
TSD	17382	Order Date	Alphanumeric		In Process
TSD	17383	Reason For Referral	Alphanumeric		42349-1
TSD	17384	Method	Alphanumeric		In Process
TSD	17385	Result	Alphanumeric		32632-2
TSD	17386	Interpretation	Alphanumeric		69047-9
TSD	17387	Amendment	Alphanumeric		In Process
TSD	17388	Reviewed By:	Alphanumeric		N/A
TSD	17389	Release Date	Alphanumeric		N/A
FBC	16167	Specimen	Alphanumeric		31208-2
FBC	16337	Specimen ID	Alphanumeric		N/A

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
FBC	CG030	Source	Alphanumeric		N/A
FBC	16168	Order Date	Alphanumeric		N/A
FBC	CG033	Reason For Referral	Alphanumeric		42349-1
FBC	16172	Method	Alphanumeric		In Process
FBC	16175	Interpretation	Alphanumeric		69965-2
FBC	16176	Amendment	Alphanumeric		In Process
FBC	16177	Consultant	Alphanumeric		N/A
FBC	16178	Report Date	Alphanumeric		N/A
AFC	16179	Specimen	Alphanumeric		31208-2
AFC	16338	Specimen ID	Alphanumeric		N/A
AFC	16793	Source	Alphanumeric		N/A
AFC	16180	Order Date	Alphanumeric		N/A
AFC	CG132	Reason For Referral	Alphanumeric		42349-1
AFC	16184	Method	Alphanumeric		In Process
AFC	16187	Interpretation	Alphanumeric		69965-2
AFC	16188	Amendment	Alphanumeric		In Process
AFC	16189	Consultant	Alphanumeric		N/A
AFC	16190	Report Date	Alphanumeric		N/A
MCC	23332	Specimen	Alphanumeric		31208-2
MCC	23333	Specimen ID	Alphanumeric		N/A
MCC	23334	Source	Alphanumeric		N/A
MCC	23335	Order Date	Alphanumeric		N/A
MCC	23338	Result	Alphanumeric		40704-9
MCC	23337	Amendment	Alphanumeric		N/A
MCC	23341	Reviewed By:	Alphanumeric		In Process
MCC	23339	Release Date	Alphanumeric		N/A

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