MAYO
Mayo Medical Laboratories
1-800-533-1710

NEW TEST ANNOUNCEMENT
NOTIFICATION DATE: December 3, 2013
EFFECTIVE DATE: December 9, 2013

POLYOLS, QUANTITATIVE, URINE
Test ID: TALDO

USEFUL FOR: Screening for Transaldolase deficiency (TALDO), Ribose-5-phosphate (RPI) deficiency

METHODOLOGY: Gas Chromatography/Mass Spectrometry (GC/MS)

REFERENCE VALUES:

	0-11 Months	1-3 Years	4-17 Years	> or = 18 Years
Erythritol (mmol/mol creatine)	<220	<267	<171	<99
Arabinitol (mmol/mol creatine)	<140	<149	<97	<51
Ribitol (mmol/mol creatine)	<31	<31	<17	<11
Sedoheptulose (mmol/mol creatine)	<76	<27	<28	<22

SPECIMEN REQUIREMENTS:

Container/Tube: Plastic, 10-mL urine tube (Supply T068)
Specimen Volume: 2 mL
Minimum Volume: 1 mL
Collection Instructions:
1. Collect a random urine specimen.
2. No preservative.

Forms:
1. **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.
2. If not ordering electronically, submit a Biochemical Genetics Request Form (Supply T439) with the specimen.

NOTE: Patient's age is required.

SPECIMEN STABILITY INFORMATION:

Specimen Type	Temperature	Time
Urine	Refrigerated (preferred)	28 days
	Frozen	28 days

CAUTIONS: A positive test result is diagnostic of TALDO or RPI; however it is strongly recommended to follow-up with molecular analysis.

CPT CODE: 82544

DAY(S) SET UP: Tuesday **ANALYTIC TIME**: 3 days

NOTE: The following referral test code(s) will become obsolete effective December 9, 2013.

Test Name	Test ID	Referral Lab Code	Referral Lab
Polyols – Urine	ZW221	4340	Baylor Medical Genetics Lab

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or
David O'Brien, MML Laboratory Technologist Resource Coordinator
Telephone: 800-533-1710