

**CODIGO :** 165762  
**NOMBRE PACIENTE :** ALAYA ARREDONDO LOPEZ **SEXO :** FEMENINO  
**FECHA DE NACIMIENTO :** 18/08/2024 **REGISTRO CIVIL :** 1,107,544,467  
**NOMBRE RESPONSABLE :** ANGELA MARIA ARREDONDO LOPEZ  
**DOC.IDENTIDAD DE LA MADRE :** 1,111,746,180  
**FECHA TOMA DE MUESTRA :** 16/11/2024  
**FECHA DE IMPRESION :** 25/11/2024



## TAMIZAJE NEONATAL

### ANALISIS MUESTRA DE SANGRE

	RESULTADO	VALORES DE REFERENCIA	INTERPRETACION
Hipotiroidismo congénito	0.73	VN: < 15 uU/ml	Normal
Deficiencia de G6PDH	5.60	VN : > 2.6 U/gHb	Normal
Fenilcetonuria (PKU)	0.60	VN : < 2.1 mg/dL	Normal

*TÉCNICA: Fluoroimmunoensayo (Delfia).* *Procesado en Colombia por PREGEN.*  
*TÉCNICA: Cromatografía Líquida de Alto Rendimiento (HPLC).* *Procesado en Colombia por PREGEN.*

## TAMIZAJE AMPLIADO

### ESPECTROMETRIA DE MASAS EN TANDEM

*Procesado en Tennessee Department of Health.*

#### DESORDENES DE AMINOÁCIDOS

Citrulina, Metionina, Leucina, Isoleucina, Valina, Fenilalanina, Tirosina.

Ausencia de metabolitos anormales Normal

#### DESORDENES DE LA OXIDACIÓN DE ÁCIDOS GRASOS

C16, C18, C18:1, C16OH, C18:1OH, C8, C10:1, C5, C5DC, C4, C14, C14:1

Ausencia de metabolitos anormales Normal

#### ACIDEMIAS ORGÁNICAS

C5OH, C5DC, C5, C3, C5:1

Ausencia de metabolitos anormales Normal

#### RESULTADOS NORMALES

Recuerde que estas son pruebas de tamizaje que solo indican la probabilidad de que el recién nacido tenga una de las enfermedades estudiadas por el programa y pueden requerir pruebas adicionales para la confirmación de algún diagnóstico. La sensibilidad de estas pruebas se reduce a medida que aumenta la edad del paciente, por esto es conveniente realizarlas dentro del primer mes de nacido.

REVISADO : EDUVILIA JOHANA GOMEZ  
Bacteriologa  
Reg. 40.936.003

FECHA : 25/11/2024



Department of  
**Health**

**TENNESSEE DEPARTMENT of HEALTH  
LABORATORY SERVICES**

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**NEWBORN SCREENING REPORT  
FIRST SPECIMEN**

**Date: 11/22/2024**

**TDH Lab Number: 20243262269**

Infant: **ARREDONDO LOPEZ, ALAYA**  
Birth Date: 8/18/2024 @ 04:01  
Collect Date: 11/16/2024@ 10:19  
Date Recvd: 11/21/2024@ 0700  
Sex: Female  
\*Feeding:  
Multiple Birth: Single

Mother: ARREDONDO, ANGELA MARIA  
Address: NO INFO GIVEN  
Phone: (315) 519-1128  
Race: White  
SCN: TN0000066918  
Gestage: 40.2

Medical Record:  
\*Transfused: No  
Date Transf.:  
County: SOUTH AMERICA  
Birth Weight: 3746  
Hospital: PREGEN  
Provider: PREGEN

**NEWBORN SCREENING RESULTS**

*Disorder/Profile	Result	Remarks	Normal Values
<b>Galactosemia (GAL)</b>	Within Normal Limits	Normal	GAL < 13 mg/dL GALT >= 3.48 U/dL
<b>Hemoglobinopathies (HGB)</b>	AF	Normal Pattern for Older Infant Not Transfused	FA, AF for Older Infants
<b>Biotinidase Deficiency (BIO)</b>	Within Normal Limits	Normal	>= 44.64 U/dL
<b>Congenital Adrenal Hyperplasia (CAH)</b>	Within Normal Limits	Normal	< 37 ng/mL
<b>Amino Acid Profile (AA)</b>	Within Normal Limits	Normal	Within Normal Limits
<b>Organic Acid Profile (OA)</b>	Within Normal Limits	Normal	Within Normal Limits
<b>Fatty Acid Profile (FA)</b>	Within Normal Limits	Normal	Within Normal Limits
<b>Cystic Fibrosis (CF)</b>	Within Normal Limits	Normal	< 54 ng/mL
<b>X-linked Adrenoleukodystrophy (XALD)</b>	Within Normal Limits	Normal	Within Normal Limits

\*See website for additional information. [https://www.tn.gov/content/dam/tn/health/program-areas/lab/nbs/NBS\\_Disorder\\_List\\_and\\_Mailer\\_Comments.pdf](https://www.tn.gov/content/dam/tn/health/program-areas/lab/nbs/NBS_Disorder_List_and_Mailer_Comments.pdf)

The purpose of the Tennessee Department of Health Newborn Screening program is to identify infants at increased risk for a variety of disorders. This is a screening test and the results can be affected by different factors. The possibility of a false negative or a false positive result must always be considered when screening newborns for disorders. Therefore, newborn screening tests results are insufficient on which to base diagnosis or treatment. The test may need to be repeated and the diagnosis confirmed or ruled out by additional specialized studies.

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CCHD Screen on NP @ NP CCHD Result: NP Referred to Cardiology: NP Reason if not done: NP NP = Not Provided