

**CODIGO :**  
**NOMBRE PACIENTE :**  
**FECHA DE NACIMIENTO :**  
**NOMBRE RESPONSABLE :**  
**DOC.IDENTIDAD DE LA MADRE :**  
**FECHA TOMA DE MUESTRA :**  
**FECHA DE IMPRESIÓN :**

**171624**  
**LUISA ISABELLA SAAVEDRA GUTT**  
**05/11/2025**  
**MARIA DE LOS ANGELES GUTT ROJAS**  
**28,016,249**  
**19/12/2025**  
**09/01/2026**

**SEXO : FEMENINO**  
**REGISTRO CIVIL : 1,246,601,660**  
**TIPO DE MUESTRA : TALÓN**



TAMIZAJE NEONATAL

ANÁLISIS MUESTRA DE SANGRE

|                                                            | RESULTADO | VALORES DE REFERENCIA              | INTERPRETACIÓN |
|------------------------------------------------------------|-----------|------------------------------------|----------------|
| T.S.H Neonatal                                             | 1.91      | VN: < 10 uU/ml                     | Normal         |
| Deficiencia de G6PDH                                       | 6.10      | VN : > 2.6 U/gHb                   | Normal         |
| TÉCNICA: Fluoroimmunoensayo (Delfia).                      |           | Procesado en Colombia por PREGEN.  |                |
| Hemoglobinopatías                                          | AF        | Ausencia de hemoglobinas anormales | Normal         |
| TÉCNICA: Cromatografía Líquida de Alto Rendimiento (HPLC). |           | Procesado en Colombia por PREGEN.  |                |

TAMIZAJE AMPLIADO

ESPECTROMETRIA DE MASAS EN TANDEM

Procesado en Archimedlife international medical laboratory. 1110 Vienna.

|                                                                                      |                                   |  |        |
|--------------------------------------------------------------------------------------|-----------------------------------|--|--------|
| DESORDENES DE AMINOÁCIDOS                                                            |                                   |  |        |
| Citrulina, Metionina, Leucina, Isoleucina, Valina, Fenilalanina, Tirosina.           |                                   |  |        |
|                                                                                      | Ausencia de metabolitos anormales |  | Normal |
| PERFIL DE ACILCARNITINAS                                                             |                                   |  |        |
| C16, C18, C18:1, C16OH, C18:10H, C8, C10:1, C5, C5DC, C4, C14, C14:1, C5OH, 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**  
**Bacterióloga**  
**Reg. 40.936.003**

**PROCESADO :**  
**MARIA JOSE PINZON GARCIA**  
**Bacterióloga**  
**Reg. 1.015.469.392**

**FECHA :**  
**09/01/2026**

Dr. MARIA JOSE PINZON GARCIA  
RED COLOMBIANA DE MEDICINA GENETICA SAS - PREGN  
BOGOTA  
CARRERA 15 A # 106 - 42  
11001 BOGOTA  
Colombia

Date of Report 08.01.2026  
Sample Received 05.01.2026  
Date of Sampling 19.12.2025  
LAB-ID 252052965

## Medical Report

|               |                              |           |          |
|---------------|------------------------------|-----------|----------|
| Patient name  | SAAVEDRA GUTT LUISA ISABELLA | Sample-ID | A0321338 |
| Date of Birth | 05.11.2025                   | Gender    | F        |

**Indication:** Newborn Screening

**Method(s):** Immunoassay, Tandem mass spectrometry from Dried Blood Spot

### Results:

| Parameter                              | Value    | Unit   | Reference |
|----------------------------------------|----------|--------|-----------|
| Birth weight (g)                       | 3250     | g      | -         |
| 17-hydroxyprogesterone (17OHP)         | <5.0     | nmol/L | < 90.0    |
| Thyroid-stimulating hormone (TSH)      | 0.7      | μU/mL  | < 15.0    |
| Biotinidase                            | 316.4    | U      | > 51.0    |
| Galactose-1-P-uridyltransferase (GALT) | 6.1      | U/g Hb | > 2.5     |
| Immunoreactive trypsinogen (IRT)       | <15      | ng/mL  | < 65.0    |
| Phenylalanine                          | 37.2     | μmol/L | < 150.0   |
| Amino acid profile                     | negative |        | -         |
| Acylcarnitine profile                  | negative |        | -         |

**Interpretation:** NEGATIVE RESULT

Please note: Inconspicuous negative biochemical results cannot exclude any inborn error of metabolism or endocrine disorder with certainty in newborns. We recommend any follow-up or genetic testing if any clinical symptoms are present.

**Authorized By:** Assoc.-Prof. Dr. Andrea-Romana KASPER, MD, PhD  
[Specialist for Pediatrics, Neonatology and Nutrition]

Report was electronically signed and approved.

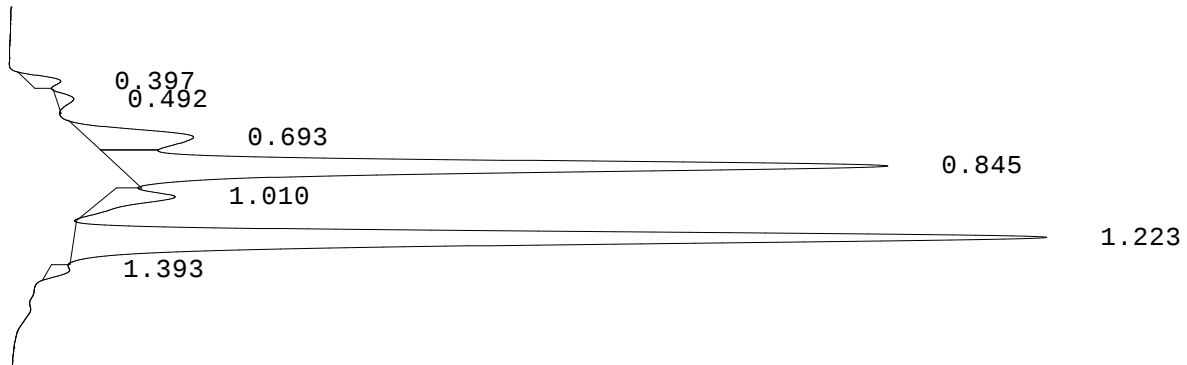
### Contact Details

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LABORATORIO PREGEN  
Carrera 15a No 106-42  
BOGOTA

Batch 2025, Rack A, Plate 1, Well D03, 171624  
[D966D16DEEF5D3BF] Dec 23, 2025 12:21:48 Pressure = 76 bar (75 to 77)

AF



| PEAK               | RT    | REL | RT   | % CONC | AREA   | COMMENT           |
|--------------------|-------|-----|------|--------|--------|-------------------|
| 1                  | 0.397 | F   | 0.47 | 1.3%   | 10247  |                   |
| 2                  | 0.492 | F   | 0.58 | 0.8%   | 6137   |                   |
| 3                  | 0.693 | F   | 0.81 | 7.0%   | 56514  | Acetylated F peak |
| 4                  | 0.845 | F   | 0.99 | 37.7%  | 303511 | Consistent with F |
| 5                  | 1.010 | F   | 1.19 | 4.0%   | 32117  |                   |
| 6                  | 1.223 | A   | 1.00 | 48.4%  | 389253 | A peak - REVIEW   |
| 7                  | 1.393 | S   | 0.89 | 0.9%   | 7031   |                   |
| Total Area: 804810 |       |     |      |        |        |                   |

Codes: 1) Wide A peak  
2) Area of A peak < 80%  
3) Peak area greater than expected  
4) Peak after A2  
5) A1c > 10%  
6) HbF or variant present  
7) Total sample area too small/big  
8) A2 is not within normal range