



GRUPO DE HABLA ESPAÑOLA Y PORTUGUESA DE LA ISFG
GRUPO DE LINGUAS ESPANHOLA E PORTUGUESA DA ISFG



Ministerio de Justicia
INSTITUTO NACIONAL DE TOXICOLOGÍA Y CIENCIAS FORENSES
DEPARTAMENTO DE MADRID
SERVICIO DE GARANTÍA DE CALIDAD

El Laboratorio / *The Laboratory*

Heréditas Tecnologia em Análise de DNA. HEREDITAS

Ha participado en el Ejercicio 2023 con el precinto
Has participated in the 2023 Exercise with the seal number

88019

Nivel Básico Parentesco/Kinship Basic Level

En caso de tener que realizar alguna reclamación contra la evaluación del desempeño tienen a su disposición una Hoja de Reclamaciones en la web <https://ghep-isfg.org/es/proficiency/complain-form/>

In case you have any complaint against the evaluation of performance, there is at your disposal a Complaint form which you can find on <https://ghep-isfg.org/en/proficiency/complain-form/>

Las Rozas de Madrid, 27 de octubre de 2023

Koro Fernández Oliva
Coordinadora del Ejercicio



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INTERCOMPARISON PROGRAM “ANALYSIS OF DNA POLYMORPHISMS IN BLOOD STAINS AND OTHER BIOLOGICAL SAMPLES”

The laboratory with Seal **88019**

Has participated in the **Kinship Module, basic level** of the 2023 Intercomparison Program, which includes a practical study with the analysis of two saliva and one blood items and a theoretical study.

The analyses performed and the assessment of the results obtained are shown in the following tables. The assigned values used to carry out the assessment can be consulted in the final report at: <https://ghep-isfg.org>

Kinship practical study

<i>Autosomal STRs + Amel</i>			<i>Y-Chromosome STRs</i>		<i>X-Chromosome STRs</i>				
<i>Marker</i>	<i>M1</i>	<i>M2</i>	<i>M3</i>	<i>Marker</i>	<i>M1</i>	<i>Marker</i>	<i>M1</i>	<i>M2</i>	<i>M3</i>
AMELOGENINA	C	C	C	DYS389 I	C	DXS8378	C	C	C
D8S1179	C	C	C	DYS390	C	DXS9898	SA	SA	SA
D21S11	C	C	C	DYS389 II	C	DXS7133	SA	SA	SA
D7S820	C	C	C	DYS19	C	GATA31E08	SA	SA	SA
CSF1PO	C	C	C	DYS385	C	GATA172D05	SA	SA	SA
D3S1358	C	C	C	DYS393	C	DXS7423	C	C	C
TH01	C	C	C	DYS391	C	DXS6809	SA	SA	SA
D13S317	C	C	C	DYS439 (GATA A)	C	DXS7132	C	C	C
D16S539	C	C	C	DYS392	C	DXS9902	SA	SA	SA
D2S1338	C	C	C	GATAH4	C	DXS6789	SA	SA	SA
D19S433	C	C	C	DYS437	C	DXS10103	C	C	C
vWA	C	C	C	DYS438	C	DXS10146	C	C	C
TPOX	C	C	C	DYS460 (GATA A)	C	DXS10079	C	C	T
D18S51	C	C	C	DYS426	SA	DXS10148	C	C	C
D5S818	C	C	C			HPRTB	C	C	C
FGA	C	C	C						
Penta D	C	C	C						
Penta E	C	C	C						
D10S1248	C	C	C						
D22S1045	C	C	C						
D2S441	C	C	C						
D1S1656	C	C	C						
D12S391	C	C	C						
SE33 (ACTBP2)	C	C	C						
FES/FPS	C	C	C						
F13A01	C	C	C						
F13B	C	C	C						
LPL	C	C	C						
D6S1043	C	C	C						

C= Correct; C/F = Correct but with format error; D= Discordant; N= Nomenclature discrepancy; T= Transcription error; NA= Not analyzed ; SA= Without assigned value; SR = Without result; NE= Not evaluated



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Seal

88019

Kinship theoretical study

<u>Marker</u>	<u>KI Evaluation</u>
D8S1179	C
D21S11	C
D7S820	C
CSF1PO	C
D3S1358	C
TH01	C
D13S317	C
D16S539	C
D2S1338	C
D19S433	C
VWA	C
TPOX	C
D18S51	C
D5S818	C
FGA	C
D10S1248	C
D22S1045	C
D2S441	C
D1S1656	C
D12S391	C
SE33	C
Total KI	C

C= Correct; C/F = Correct but with format error; D= Discordant; T= Transcription error; NA= Not analyzed ; SA=No assigned value

In witness whereof and for all pertinent purposes I hereby issue the following certificate

Las Rozas de Madrid, 27th October, 2023

K. Fernández Oliva
Exercise coordinator

VºBº
C. Sánchez de la Torre
INTCFM Manager

VºBº
L. Gusmao
GHEP-ISFG President