



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 EIADN 29 (2021) con el precinto
Has participated in the EIADN 29 (2021) Exercise with the seal number

87642

Nivel Básico de Parentesco/Kinship Basic Level

Las Rozas de Madrid, 22 de noviembre de 2021



Koro Fernández Oliva
Coordinadora del Ejercicio



GRUPO DE HABLA ESPAÑOLA Y PORTUGUESA DE LA ISEFG
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



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

The laboratory with Seal

87642

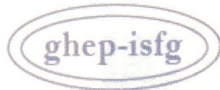
Has participated in the **Kinship Module, basic level** of the 2021 Intercomparison Program, which includes a practical study with the analysis of two blood and one saliva items and a theoretical study.

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>

Kimship 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>Marcador</i>	<i>M1</i>	<i>M2</i>	<i>M3</i>
AMEL	C	C	C	DYS389 I	C	DXS8378	C	C	C
D8S1179	C	C	C	DYS390	C	DXS9898	C	SA	C
D21S11	C	C	C	DYS389 II	C	DXS7133	C	SA	C
D7S820	C	C	C	DYS19	C	GATA31E08	C	SA	C
CSF1PO	C	C	C	DYS385	C	GATA172D05	C	SA	C
D3S1358	C	C	C	DYS393	C	DXS7423	C	C	C
TH01	C	C	C	DYS391	C	DXS6809	C	SA	C
D13S317	C	C	C	DYS439 (GATA A4)	C	DXS7132	C	C	C
D16S539	C	C	C	DYS392	C	DXS9902	C	SA	C
D2S1338	C	C	C	GATAH4	C	DXS6789	C	SA	C
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 A7.1)	C	DXS10079	C	C	C
D18S51	C	C	C			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	D	C						
D22S1045	C	C	C						
D2S441	C	C	C						
SE33 (ACTBP2)	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



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



Seal **87642**

Kinship theoretical study

Marker	PI Evaluation
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
IP TOTAL	C

C= Correct; C/F = Correct but with format error; D= Discordant; T= Transcription error; NA= Not analyzed

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

Las Rozas de Madrid, 10th November, 2021

K. Fernández Oliva
Exercise coordinator

VºBº
C. Sánchez de la Torre
INTCFM Manager


VºBº
L. Gusmao
GHEP-ISFG President

