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GRUPO DE LÍNGUAS ESPANHOLA E PORTUGUESA DA ISFG

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EJERCICIO DE INTERCOMPARACIÓN
“ESTUDIO DE POLIMORFISMOS DE ADN EN MANCHAS DE SANGRE Y OTRAS
MUESTRAS BIOLÓGICAS”

EXERCISE EIADN-32(2024)**DEADLINE: 15/05/2024****Submitted items**

2024/Forensic Module
M9: forensic unknown non human item

Seal Number

Approach:**Practical Forensic study****2024/Non human item**

- **M9:** forensic unknown non human item for species identification.
- ◆ Identify the species in item M9.

Methodology to be used

The analyses will be performed by using the markers and methods of routine use or under implementation at each laboratory. The items must be processed as real casework and, if possible, as blind samples.

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1. Methodology *Read carefully the instructions provided before filling in this section***1.1 DNA Extraction, purification/concentration and quantitation**

TABLE 1

Item	Extraction Purification/ Concentration (Code)	EPO0 (Specify)	Quantitation (Code)	C00 (Specify)
M9				

See Appendix 2024 for codes

1.2 Methodology used for species identification in item M9

Make a cross in the method used and specify in the adjacent box the methodology applied (primers, kits, techniques used, etc.)

Methodology applied

Cytochrome b sequencing	<input type="checkbox"/>	<input type="text"/>
SPInDEL	<input type="checkbox"/>	<input type="text"/>
STR	<input type="checkbox"/>	<input type="text"/>
Others	<input type="checkbox"/>	<input type="text"/>

1.3 Other considerations regarding methodology different to reported in the preceding tables

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2. Practical studies results:

During a routine customs control at the Adolfo Suárez Madrid-Barajas airport, a suitcase is detected with, what seems to be, products of animal origin. They are in very bad conditions, most of them rotten, full of larvae and it is impossible to macroscopically identify their origin. They are destroyed for health safety. However, the material that came with the product was recovered and it contains traces of what seems to be blood. It is then used to try to identify genetically the species to which the contents of the suitcase belong since the owner had a history of illegal species trafficking.

2.1 After performing DNA extraction from the stained material and using any method for species identification. Could you identify the **species** of the non human contributor/s in item M9?

YES	<i>Genus species</i>
M9	

NO
M9

2.2 Conclusions and remarks about item M9

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3. Compromises to be met by the participant

The analyses have been performed in the facilities of the participating laboratory and by its own staff, following working protocols used in routine casework together with safety precautions. **The laboratory commits to analyze this item for the Intercomparison Exercise INTCFM/GHEP-ISFG. Additionally it could be used as a reference material and/or quality control for the laboratory either using the techniques required in the Exercise or other forensic techniques.**

Name of the person in charge

Date and signature

¿WOULD YOU LIKE TO RECEIVE A CERTIFICATE OF PARTICIPATION?

Item M9
(Yes/No)

CHOOSE THE LANGUAGE OF THE CERTIFICATE

SPANISH

ENGLISH

BOTH

Note.- In order to receive the certificate of participation you must return this form duly signed.