

Laboratory Report

Order Number: EG-1258

Order Details

Client Information:

Name: Romany Poole

Company: Arbtech

Email: romanypoole@arbtech.co.uk

Phone:

Sample log:

Order Date: 02/11/2023 15:49

Date Sample Arrived at Lab: 03/11/2023

Results Date: 05/11/2023

Ecotype Genetics Limited.

Registered in England. **Company No:** 11328606. **VAT:** 295 2037 94

Registered office: Parkers Cornelius House, 178-180 Church Road, Hove, East Sussex, BN3 2DJ

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Results

Sample ID: EG-1258-1

Sample information:

Sample type: Faecal

Species group: Bats

Suspected species: Maybe Pygmy shrew?
Thanks :)

Site Location: PO20 1QH

Comments:

Laboratory information:

DNA Extraction Code: EG-2023-1699

Identification method: qPCR

Analysis Procedure Notes:

All UK bat species tested for - none detected in this sample. Screened against small mammal qPCR panel.

Laboratory Comments:

None

Species Identified:

Species 1: Sorex minutus (Pygmy shrew)

qPCR Ct Value: 25

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What do my results mean?

DNA extraction code: This identifies the DNA extraction sample within our laboratory so that it can be revisited if necessary. We keep these extractions for a minimum of 6 months.

ID method: qPCR - These results are obtained using species-specific qPCR (a.k.a real-time PCR) tests. A positive result indicates the presence of DNA from the species reported.

ID method: DNA sequencing - where qPCR fails or is not possible, standard DNA sequencing will be performed. Sequences are then matched against the BLAST database.

Ct value: This is a relative measurement of the amount of species DNA in the sample, derived from the qPCR data. The lower the value, the more DNA present in the reaction. This is for laboratory reference only.

% match - this value is the percentage match of sequences derived from DNA sequencing compared to the database. Due to differences in DNA sequence between individuals within a species this match may not always be exactly 100%.

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