



Dublin Academic Medical Centre

Standard Operating Procedure Dublin Academic Medical Centre UCD Clinical Research Centre

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SOP Title Processing of Faeces

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Purpose

To outline the laboratory procedure for processing faeces.

Specific procedure

1. Faecal samples must be collected as fresh as possible within 24 hours of defecation otherwise the DNA will be severely degraded.
2. Ethanol storage. It is important to use clean equipment and clean gloves when preparing the samples. Faecal samples once in 75% ethanol can be kept and shipped at room temperature. DNA is isolated from the sloughed intestinal cells that line the faeces, therefore it is important that the general shape of the faeces is kept intact.
3. Frozen Storage. If ethanol is not available, faeces may also be shipped and stored frozen.

Change History

SOP no.	Effective Date	Significant Changes	Previous SOP no.