



Dublin Academic Medical Centre

Standard Operating Procedure Dublin Academic Medical Centre UCD Clinical Research Centre

SOP Number 3.6

**Version
Number** 1

SOP Title Buccal Collection

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Purpose

Collecting cheek cells is an easy, non-invasive method to obtain samples from research subjects for DNA analysis.

Specific procedure

Safety

1. The research personnel will have been deemed competent in the procedure of buccal collection.
2. The research personnel will wear gloves at all times during buccal collection.
3. Research personnel will use appropriate barrier precautions, such as gloves, gowns, masks, and protective eyewear to prevent exposure to skin and mucus membranes when working with known infectious research subjects
4. Buccal specimen containers will not be labelled in advance of buccal collection.



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5. Bar-coded labels will be applied to all buccal specimens immediately after buccal collection.
6. The research personnel will ensure that the lids of the buccal specimen containers are securely replaced so that leakage does not occur during transport.
7. Using gloves, sputum spillages will be covered with Milton or “Presept” granules, cleaned up with paper towels and discarded into puncture-resistant incineration containers.

Procedure

1. The research personnel will greet the research subject, identify themselves, and then indicate the buccal collection procedure to the research subject.
2. The research subject will be approached in a friendly calm manner and their co-operation will be gained prior to buccal collection
3. The research subject will be correctly identified prior to sputum collection, by asking them to give their name and date of birth.



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4. All sample containers and equipment needed to competently and efficiently carry out the buccal collection will be assembled prior to the procedure.
5. A sterile single use cotton swab will be removed from its packaging.
6. Sterile technique will be observed as the cotton swab is brushed inside the mouth along the cheek.
7. The buccal swab will be returned to a sterile wrapping or will be wrapped inside sterile plastic wrap.
8. Bar-coded labels will be applied to all buccal swabs immediately after buccal collection.
9. The research personnel will arrange for the buccal swab to be transported to the research laboratory as applicable



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Change History

SOP no.	Effective Date	Significant Changes	Previous SOP no.