# Group A Strep PCR Sample Handling and Storage

PURPOSE

* This procedure provides instructions for sample acceptability, handling and storage

## SAMPLE

1. Acceptable specimens

|  |  |
| --- | --- |
| Specimen type | **Sunquest SDES code** |
| Throat swab | THR |

1. Transport and Storage: For additional information refer to Specimen Collection Manual

|  |  |  |
| --- | --- | --- |
| Temperature | Sample Stability in BBL CultureSwab™ | Sample Buffer tubes |
| Room temperature | 24 hour | 4 hr |
| Refrigerated 2 - 8° C | 5 days | 5 days |

#### MATERIALS REQUIRED

|  |  |  |
| --- | --- | --- |
| **Equipment** | **Media** | **Supplies** |
| Refrigerator, 2 - 8° C | BBL CultureSwab™ | Nitrile gloves |
| Storage bin, room temp |  |  |

**PROCEDURE A:** Follow the activity below for sample handling

| Activity | Step | **Action** | **Related Doc** |
| --- | --- | --- | --- |
| **ID** | 1 | Check sample for proper identification | [MB 001.1](file:///\\kidsnet.childrenshc.org\chcdfs\dept\LAB\Molecular%20Biology\A.%20Molecular%20Procedure%20Manual\MB001%20Specimen%20Management\MB001.1%20Specimen%20Management%20in%20Molecular.doc) Specimen Management |
| Rm Micro | 2 | Receive sample in Sunquest and generate label (Sunquest code: GASD) |  |
|  | 3 | Compare label to name on sample |  |
|  | 4 | If acceptable, affix Sunquest label to primary sample |  |
| **Quality** | 4 | Evaluate the quality of the sample. | [MB 001.2](file:///\\kidsnet.childrenshc.org\chcdfs\dept\LAB\Molecular%20Biology\A.%20Molecular%20Procedure%20Manual\MB001%20Specimen%20Management\MB001.2%20Rejection%20Criteria.doc) Specimen Rejection Criteria |
| **Store** | 5 | Store specimen at 2 - 25° C |  |
|  | 6 | Place specimen and label in molecular designated area |  |

**REFERENCES**

1. Clinical Verification and Validation Study performed at Children’s Hospitals and Clinics of MN August 2014

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Approval** | | | | | | | | | |
|  | Approved by | | | | **Signature** | | | **Date** | |
|  | Tim Casey, MD | | | |  | | |  | |
|  | Patricia Ackerman, Technical Specialist | | | | P. Ackerman, TS | | | 8.30.14 | |
| **Annual Review** | | | | | | | | | |
|  | Reviewed by | | **Signature** | | **Date** | Reviewed by | **Signature** | | **Date** |
| P. Ackerman | | PA | | 8.30.14 |  |  | |  |
|  | |  | |  |  |  | |  |
| Historical Record | | | | | |  | | | |
|  | **Version** | **Written/Revised by:** | | **Effective Date:** | | **Summary of Revisions** | | | |
|  | 1 | P. Ackerman | | 9.9.14 | | Initial Version | | | |
|  |  |  | |  | |  | | | |
| Distribution | | | | | |  | | | |
|  | **Location** | | | | **# Copies** | **Location** | | | **# Copies** |
|  | Molecular Diagnostics rm B422 | | | | 1 | G drive: Molecular Biology/Molecular Manual/GASD | | | 1 |