

Department of Clinical Laboratory Medicine	
Document title	Sample acceptance criteria
Document reference : revision	PM/SAC : rev 010
Active date of this revision	09/04/2019
Document type	Quality Management
Owner of this revision	Quality Manager
Author of this revision	Quality System Administrator
Approval required by	Pathology Manager
Area of standard	ISO 15189:2012:5.4

Purpose To ensure that all requests for laboratory analysis are received with sufficient information to unambiguously identify the patient on the laboratory database.

Responsibility All Trust staff and external users of the laboratory service are required to implement this policy.

It is the responsibility of the **person taking the sample** to identify the patient, label the sample and ensure that the information supplied on the request form and sample are accurate and match in each case.

The accuracy of the request is the responsibility of the **person making that request**. Specialised tests may require more detailed information. It is the responsibility of the requester to consult the laboratory for confirmation.

Laboratory staff have the responsibility for conducting analyses **only** on specimens that have been correctly identified

Procedure A request form (either written or electronic) with a plastic specimen bag attached is used for most samples.
A fully completed request form is designed to provide the necessary information to unambiguously identify the patient.
For in-patients the form should be completed at the bedside using the patients wristband to confirm their identity.

HIGH RISK SAMPLES

All High Risk samples, request forms and transport bags **MUST** be labelled with appropriate "**Danger of Infection**" high visibility stickers and **double bagged** before transportation. Please also ensure that a "**Danger of Infection**" sticker is affixed to the outer bag to alert staff who may come into contact with this material.

Sample acceptance criteria

Section 1: Blood Transfusion:

Samples	Request form
<p>MUST be labelled with the patients:</p> <ul style="list-style-type: none"> ✓ FULL name or unique coded identifier (note 1) and ✓ Date of Birth and ✓ Hospital (e.g. RXR) number or NHS number or private unique identification number <p><i>Note 1:</i> Confidential samples (Sexual Health) A unique identifier will be accepted in place of personal details where confidentiality is paramount e.g. sexual health specimens. The syntax and nomenclature for such labelling must be agreed by the laboratory management beforehand.</p>	<p>The request form data MUST match the sample information or be labelled with another suitable unique identifier.</p> <p>Forms MUST include:</p> <ul style="list-style-type: none"> ✓ the patient's FULL name or unique coded identifier ✓ the patient's date of birth ✓ Hospital (e.g. RXR) or NHS number ✓ Note - In the rare event that neither is available then the address must be supplied ✓ the patient's location and a destination for the report (or a location code) ✓ an indication of the sample type(s) and the examination / tests required ✓ the consultant or GP identity (or identity code) ✓ name and signature of the requester ✓ date and time of request – should be changed to correct time if form printed in advance ✓ name and signature of sample collector ✓ date and time of collection – should be changed to correct time if form printed in advance <p>Note: If preprinted labels are used on the request form, the transfusion passport number of the person taking the sample must also be supplied</p> <p>Forms SHOULD also have:</p> <ul style="list-style-type: none"> ✓ the patient's gender ✓ all <u>relevant</u> clinical information ✓ a contact/bleep number for requester
<p>Note: UNKNOWN PATIENTS VIA EMERGENCY DEPT : For unknown patients the Hospital number or major trauma number and sex must be given</p>	

Section 2: Blood Sciences:

Samples	Request form
<p>MUST be labelled with the patients:</p> <ul style="list-style-type: none"> ✓ FULL name or unique coded identifier (see note 1) <p><i>and</i></p> <ul style="list-style-type: none"> ✓ Date of Birth <p><i>or</i></p> <ul style="list-style-type: none"> ✓ Hospital (e.g. RXR) number or NHS number or private unique identification number <p><i>Note 1:</i> Confidential samples (Sexual Health) A unique identifier will be accepted in place of personal details where confidentiality is paramount e.g. sexual health specimens. The syntax and nomenclature for such labelling must be agreed by the laboratory management beforehand.</p> <p>Note 2: Multiple samples: Samples taken from a patient at different times MUST be labelled with the time (24 hour clock) that each specimen was taken</p> <p>Note 3: Blood gas samples Samples for Blood Gas analysis in glass capillary tubes are unsuitable for labelling as described above. Please label the sample carrier/container correctly instead.</p>	<p>The request form data MUST match the sample information or be labelled with another suitable unique identifier.</p> <p>Forms MUST include:</p> <ul style="list-style-type: none"> ✓ the patient's FULL name or unique coded identifier ✓ the patient's date of birth ✓ Hospital (e.g. RXR) or NHS number <p>Note - In the rare event that neither is available then the address must be supplied</p> <ul style="list-style-type: none"> ✓ the patient's location and a destination for the report (or a location code) ✓ the examination / tests required ✓ the consultant or GP identity (or identity code) ✓ name of the requester ✓ date and time of request – should be changed to correct time if form printed in advance ✓ name of sample collector ✓ date and time of sample collection - should be changed to correct time if form printed in advance <p>Forms SHOULD also have:</p> <ul style="list-style-type: none"> ✓ the patient's gender ✓ all <u>relevant</u> clinical information ✓ a contact/bleep number for requester
<p>Note: UNKNOWN PATIENTS VIA EMERGENCY DEPT : For unknown patients the Hospital number or major trauma number and sex must be given</p>	

Section 3: Microbiology

Samples	Request form
<p>MUST be labelled with the patients:</p> <ul style="list-style-type: none"> ✓ FULL name or unique coded identifier <i>(note 1)</i> <p>and</p> <ul style="list-style-type: none"> ✓ Date of Birth <p>or</p> <ul style="list-style-type: none"> ✓ Hospital (e.g. RXR) number or NHS number or private unique identification number <p><i>Note 1:</i> Confidential samples (Sexual Health) A unique identifier will be accepted in place of personal details where confidentiality is paramount e.g. sexual health specimens. The syntax and nomenclature for such labelling must be agreed by the laboratory management beforehand.</p>	<p>The request form data MUST match the sample information or be labelled with another suitable unique identifier.</p> <p>Forms MUST include:</p> <ul style="list-style-type: none"> ✓ the patient's FULL name or unique coded identifier ✓ the patient's date of birth ✓ Hospital (e.g. RXR) or NHS number <p>Note - In the rare event that neither is available then the address must be supplied</p> <ul style="list-style-type: none"> ✓ the patient's location and a destination for the report (or a location code) ✓ an indication of the sample type(s) and the examination / tests required ✓ the consultant or GP identity (or identity code) ✓ name of the requester ✓ date and time of request - should be changed to correct time if form printed in advance ✓ name of sample collector ✓ date and time of collection - should be changed to correct time if form printed in advance ✓ Full, relevant clinical information including details of any recent foreign travel specifying location. <p>Forms SHOULD also have:</p> <ul style="list-style-type: none"> ✓ the patient's gender ✓ a contact/bleep number for requester
<p>Note: UNKNOWN PATIENTS VIA EMERGENCY DEPT : For unknown patients the Hospital number or major trauma number and sex must be given</p>	

Section 4: Histopathology/Cytology

Samples	Request form
<p>MUST be labelled with the patients:</p> <ul style="list-style-type: none"> ✓ FULL name or unique coded identifier <i>(note 1)</i> and ✓ Date of Birth or ✓ Hospital (e.g. RXR) number or NHS number or private unique identification number <p><i>Note 1:</i> Confidential samples (Sexual Health) A unique identifier will be accepted in place of personal details where confidentiality is paramount e.g. sexual health specimens. The syntax and nomenclature for such labelling must be agreed by the laboratory management beforehand.</p>	<p>The request form data MUST match the sample information or be labelled with another suitable unique identifier.</p> <p>Forms MUST include:</p> <ul style="list-style-type: none"> ✓ the patient’s FULL name or unique coded identifier ✓ the patient’s date of birth ✓ Hospital (e.g. RXR) or NHS number Note - In the rare event that neither is available then the address must be supplied ✓ the patient’s location and a destination for the report (or a location code) ✓ an indication of the sample type(s) and anatomical site(s) ✓ the consultant or GP identity (or identity code) ✓ name of the requester ✓ date and time of request - should be changed to correct time if form printed in advance ✓ name of sample collector ✓ date and time of collection - should be changed to correct time if form printed in advance ✓ Full, relevant clinical information ✓ Details of any relevant patient pathways – e.g. 2 week rule, etc. <p>Forms SHOULD also have:</p> <ul style="list-style-type: none"> ✓ the patient’s gender ✓ a contact/bleep number for requester

Sample acceptance: actions

If the Sample Acceptance Criteria above are not met, the laboratory reserves the right to take the following action in these instances:

<p>Samples which are deemed to be clinically critical or irreplaceable may be processed at the discretion of Senior laboratory staff.</p> <p>Where there are problems with:</p> <ul style="list-style-type: none"> • patient or sample identification • sample instability due to delay in transport or inappropriate container(s) • insufficient sample volume <p>and the laboratory chooses to process the sample, the final report will include a comment to indicate the nature of the problem and, where applicable, that caution is required when interpreting the result.</p>	
Mislabeled or mismatched samples requesting Blood Transfusion	<p>Samples must be repeated and correctly labelled by the requestor before any tests can be performed – there are no exceptions.</p>
Unlabelled samples	<p>Regardless of source, will be either</p> <ul style="list-style-type: none"> • returned to source stated on request • destroyed in cases where the origin cannot be guaranteed (e.g. where it has become detached from the request form)
Partial details	<ul style="list-style-type: none"> • A report stating “mislabeling error” will be issued and the sample retained for up to 3 days. • If the requester is able to verify the sample identity within this time, an analysis may be carried out. Normally this will entail a visit to the laboratory.
Lack of patient information	<p>Although the minimum criteria are met, a lack of patient or sample information may result in the laboratory not conducting the analysis in certain cases: Examples could include:</p> <ul style="list-style-type: none"> • no swab site indicated • no dates and times of sampling • no clinical details given <p>In such situations it may not be possible to issue a report or to interpret the results Appropriate comments will be made on the report in cases where one can be issued</p>

Notes:

- Specimen errors are logged within each discipline.
- Laboratory staff have been instructed NOT to amend details on the sample.
- Samples which have more than one component e.g. smears and fluid, each element should all meet the minimum criteria.
- Due to the large volume of specimens received it is not possible for laboratory staff to contact all users regarding mislabelled specimens. The onus is on the requester to contact the laboratory in the event of receiving an “unlabelled specimen” report.

- Any requests or supplementary requests made verbally should not be processed until a suitable request form has been received. The sample acceptance criteria must be met. Where a request must be carried out immediately due to urgency or sample stability, this must be recorded in specimen notepad.

- If there is a need to clarify an investigation requested (i.e. by contacting the requestor), then this needs to be recorded in specimen notepad or via other controlled paper method. Details should include investigation, who was spoken to, date, time, and staff member logging the occurrence.

Data Protection

All data and patient information will be handled in line with Trust Policies ‘Guide to Data Protection’ and C077 ‘Confidentiality of Personal Information’.