



## REMAP-CAP Laboratory SOP

### COVID-19 IMMUNOGLOBULIN THERAPY DOMAIN (UPDATED FOR IMMUNOSUPPRESSED PATIENTS)

## Summary

In this domain of the REMAP-CAP trial, participants meeting the platform-entry criteria for REMAP-CAP will be randomised to receive interventions using immunoglobulins as the basis for treatment:

- No immunoglobulin against COVID-19 (no placebo)
- High titre convalescent plasma

This laboratory manual includes information on sample processing, storage, recording, and transport of samples in the UK.

All samples for this domain are being sent to:

COVID Oxford BioArchive (COBA)  
FAO: QUOD Team  
NHS Blood and Transplant  
John Radcliffe Hospital  
Oxford  
OX3 9BQ

Samples should be taken from **all** patients randomised into the Immunoglobulin Therapy Domain.

## Lab Contacts

COVID Oxford BioArchive (COBA)

Dr Abigail Lamikanra ([Abi.Lamikanra@nhsbt.nhs.uk](mailto:Abi.Lamikanra@nhsbt.nhs.uk))

## NHSBT Clinical Trials Unit

[REMAPCAP@nhsbt.nhs.uk](mailto:REMAPCAP@nhsbt.nhs.uk)

## Sampling

Samples should be taken from **all** patients randomised into the Immunoglobulin Therapy Domain.

### 1.1. Equipment

Locally provided yellow top or red top or equivalent tube for serum (6mL)

Locally provided respiratory sample (swab) collection tube

Locally provided PPE as per local guidelines

Sample collection kit, which will include:

- Plastic tube (secondary container)
- Absorbent white material (inside the plastic tube)
- Outer cardboard box
- Plastic, tamper-proof outer mailer bag
- Sample sticker (see Appendix A)
- Sticker for outer mailer bag (see Appendix B)
- Sample tracking form (see Appendix C)
- Pre-paid Royal Mail address label



## 1.2. Types of samples

Use a separate sample packaging kit for posting each sample.

### 1.2.1. Serum sample

Collect a blood sample in one 6mL yellow top or equivalent tube at baseline (Day 1).

### 1.2.2. Virology samples

Collect one oropharyngeal or nasopharyngeal swab. Swabs will be taken at day 1 (baseline) and every subsequent week that the patient is in hospital (i.e. Day 8, Day 15, Day 22) or until the patient has two consecutive negative COVID-19 tests.

Double bag the sample after collection.

## 1.3. Labelling samples

Use pre-printed labels (included in sample packaging kit) to label each sample with:

- REMAP-CAP Randomisation Number
- Date of sample collection
- Day of sample collection (i.e. Day 1, Day 8, Day 15) – circle the appropriate day

Please place the label on the sample tube rather than the cardboard box.

## 1.4. Transfer of samples

Place the tube with the absorbent white material in the secondary container, place in the outer box and then place in the tamper-proof mailing bag – do not seal at this stage.

Complete the Sample Tracking Form (away from clinical area) and include in the tamper-proof mailer bag. Seal the bag.

Place the sticker on the outer mailer bag and tick to indicate whether the sample is a blood sample or a respiratory sample. Place the pre-paid Royal Mail sticker on the outer bag.

Post the same day as collection\*.

One sample (either blood or a respiratory sample) should be sent per kit. Send each respiratory sample using a separate kit.



Notify the NHSBT CTU after posting by emailing: [REMAPCAP@nhsbt.nhs.uk](mailto:REMAPCAP@nhsbt.nhs.uk)

\*if not possible, store samples in a designated fridge and post on the next working day.

### **Core laboratory Address:**

COVID Oxford BioArchive (COBA)

FAO: QUOD Team  
NHS Blood and Transplant  
John Radcliffe Hospital  
Oxford  
OX3 9BQ

## Appendix A: Stickers to go on sample tubes

REMAP-CAP Trial Sample									
0									

Blood: Day 1  
Respiratory: Day 1 / Day 8 / Day 15 /  
Day 22 / Day \_\_\_\_  
Date collected: d d / m m / y y y y

**Appendix B:** Sticker to go on outer mailer bag



**Immunoglobulin Domain**  
(immunosuppressed patients)

This is a:

- blood sample
- respiratory sample

**Receiving lab:** if this is a respiratory sample,  
please store in the fridge as soon as possible

**Appendix C: Sample tracking sheet**

**Updated Immunoglobulin Domain: Sample Tracking Form**

Please complete this form and include it in the bag with the samples

REMAP-CAP Randomisation Number: _____				
Sample type	Sample collected? (enter a cross in the box)	Day sample taken	Date Posted	Comments
Blood serum tube x 1	<input type="checkbox"/> YES <input type="checkbox"/> No	<input type="checkbox"/> Day 1 (baseline)		
Respiratory swab x 1	<input type="checkbox"/> YES <input type="checkbox"/> No	<input type="checkbox"/> Day 1 (baseline) <input type="checkbox"/> Day 8 <input type="checkbox"/> Day 15 <input type="checkbox"/> Day 22 <input type="checkbox"/> Day 29 <input type="checkbox"/> Day ____		

Each sample should be labelled with: REMAP-CAP randomisation number, date sample collected, type of sample.

<b>Name</b>	
<b>Signature</b>	
<b>Date</b>	

LABORATORY USE ONLY	
Date received/processed:	



