

SAMPLE COLLECTION FOR XANTHOCHROMIA SCREENING

1. Xanthochromia

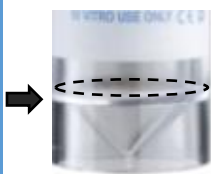
1.1. Should only be carried out:

- Ideally with a Negative CT scan
- Ideally >12 hours and <14 days post-onset of symptoms consistent with SAH.

2. Sample collection procedure

2.1. Perform the lumbar puncture (LP) and collect the samples in the order stated below into universal containers. **Collect the concurrent blood samples.** Ensure all samples are fully labelled.

2.2.

SAMPLE	CONTAINER	MINIMUM VOLUME	ANALYSIS
CSF ①	Sterile universal	0.5ml (10 drops) ¹	Microbiology
CSF ②	Sterile universal	0.5ml (10 drops) ¹	CSF Protein
CSF ③	Sterile universal	1.0ml (20 drops) ¹	Microbiology
CSF ④	Sterile universal	1.0ml ¹  Fill above the meniscus line	Xanthochromia
CSF ⑤	Fluoride oxalate (yellow top)	0.5ml (10 drops) ¹	CSF Glucose
Blood ①	Serum gel (white/brown top)		Bilirubin/Protein
Blood ②	Fluoride oxalate vacutainer (yellow top)		Glucose
State the following details on the request form:			
<ul style="list-style-type: none"> • Clinical Details • Date & time of onset of symptoms 		<ul style="list-style-type: none"> • CT Scan result • Date & time CSF collection 	

2.3. Ensure all sterile universal tubes are numbered in order of collection.

2.4. Protect samples ② & ④ from light [wrap in foil/envelope/opaque sample bag]

2.5. Place CSF samples ②, ④, ⑤ & the blood samples [① & ②] in the bag for biochemistry [ensure the request form is fully completed].

2.6. Place CSF samples ① & ③ in the sample bag for microbiology [ensure the request form is fully completed].

3. Sample dispatch

3.1. Arrange immediate hand delivery to the laboratory. **DO NOT USE THE AIR TUBE SYSTEM.**

		Microbiology	Biochemistry
Colchester	Sample Dispatch	M-F, 09:00-17:30-Blood sciences Reception ² <ul style="list-style-type: none"> • OOH³ - Transport directly to Microbiology. Contact on-call microbiology BMS prior to dispatch via switch. 	Blood Sciences Reception
	Analysis	24/7 analysis OOH ³ : - Contact on call microbiology BMS via switch prior to dispatch	Analysis available 24/7
Ipswich	Sample Dispatch	M-F, 09:00-17:30 -Microbiology Reception <ul style="list-style-type: none"> • OOH³ Blood sciences Reception-Contact on-call microbiology BMS prior to dispatch via switch. 	Blood Sciences Reception
	Analysis	24/7 analysis <ul style="list-style-type: none"> • OOH³: -Contact on-call microbiology BMS via switch prior to dispatch 	Analysis available 24/7

¹Sample volumes stated are the absolute minimum required to perform the assay. Where possible please send sufficient volume so that repeat analysis can be performed if needed.

²if URGENT transport directly to Microbiology.

³OOH: Out of Hours, 17:30-09:00, weekends & Bank holidays