

Adding a request to an existing laboratory specimen:

The existing laboratory sample must be suitable

Tests can be added if:

- there is a suitable sample type already in the laboratory (e.g. serum/plasma/urine/CSF)
- requested within the allowable sample stability time, refer to guide below

Tests cannot be added if:

- the sample required special collection requirements (e.g. transported on ice, protect from light) or is unstable when stored

It may not be possible to add a test if:

- the sample is stored frozen

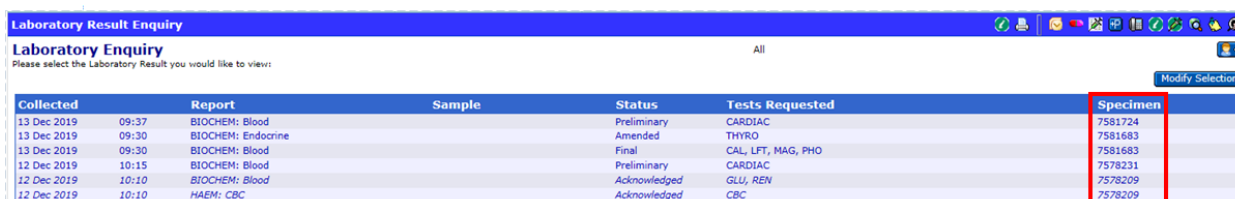
If the sample is at Pathlab or a rural laboratory (Thames, Tokoroa, Te Kuiti, Taumarunui):

- the relevant laboratory should be contacted to request additional testing (refer to Clinical Work Station (CWS) for location – see below)
- There may be a delay if transport of the sample to Waikato Hospital is required for additional testing – consider collecting a repeat sample if the patient has been transferred to Waikato Hospital.

Test	Ref.Range	Units	Location
Specimen type (POCT)	Patient Sample	Patient Sample	
Sodium	137	135 - 145 mmol/L	Tokoroa
Potassium	4.5	3.5 - 5.2 mmol/L	Tokoroa
Creatinine	42	< 90 umol/L	Tokoroa
Urea	3.6	3.2 - 7.7 mmol/L	Tokoroa
GFR (estimated)	>90	see text mL/min	Tokoroa
Albumin		[35 - 50] g/L	
Troponin T (AQT)	< 10	< 10 0 - 17 (see text) ng/L	
Glucose	5.4	3.5 - 7.7 mmol/L	Tokoroa
Calcium		2.1 - 2.55 mmol/L	
Calcium (adjusted)		2.1 - 2.55 mmol/L	
Phosphate		0.7 - 1.5 mmol/L	
Magnesium		0.75 - 1 mmol/L	

The specimen/laboratory order number **MUST** be identified:

- Providing the specimen/order number ensures the test is added to the appropriate specimen; some analytes are time specific e.g. Troponin
- obtain from CWS:



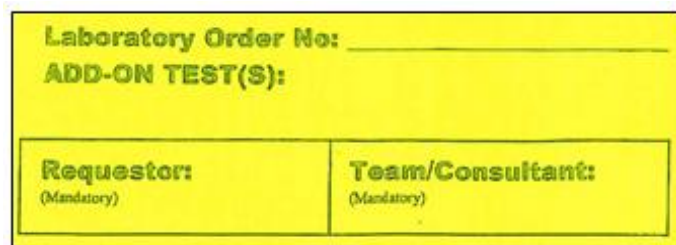
Collected	Report	Sample	Status	Tests Requested	Specimen
13 Dec 2019 09:37	BIOCHEM: Blood		Preliminary	CARDIAC	7581724
13 Dec 2019 09:30	BIOCHEM: Endocrine		Amended	THYRO	7581683
13 Dec 2019 09:30	BIOCHEM: Blood		Final	CAL, LFT, MAG, PHO	7581683
12 Dec 2019 10:15	BIOCHEM: Blood		Preliminary	CARDIAC	7578231
12 Dec 2019 10:10	BIOCHEM: Blood		Acknowledged	GLU, REN	7578209
12 Dec 2019 10:10	HAEM: CBC		Acknowledged	CBC	7578209

Add-on requests may need to be discussed with staff who perform the testing before the add-on can be confirmed.

If unable to add on a requested test, the laboratory will report “No suitable sample”

METHOD:

- Check the guide below for allowable time frame for specific tests
- Complete a new request form preferably with an add-on label attached *



Laboratory Order No: _____
ADD-ON TEST(S): _____

Requestor: _____
(Mandatory)

Team/Consultant: _____
(Mandatory)

* add-on label sheets can be requested from the Laboratory.
Mon-Fri 0800-1630 ph 94065
Out of hours use Vocera, via operator

Request form **MUST** include the following information:

- **Patient details** (preferably a printed label)
- **Specimen/laboratory order number** of the existing laboratory specimen
- **test/s** to be added
- name and contact information of the **requestor**
- responsible **team/consultant**

ALLOWABLE TIME FRAME GUIDE:

BIOCHEMISTRY

- Add-ons are **NOT** permitted for the following tests: **ACTH, Ammonia**

Test	Allowable time for test to be added (after collection time)
ACE	7 days
AFP	14 days
Albumin	7 days
Alcohol	2 days
ALP	7 days
Amikacin	2 days
Amphetamine urine	5 days
Amylase	7 days
Amylase (urine)	7 days
Androstenedione	7 days
AST	7 days
Benzodiazepine urine	5 days
Bicarbonate	7 days
Bilirubin Conjugated and Total	7 days
BNP	6 days
Ca125	5 days

Test	Allowable time for test to be added (after collection time)
Ca153	5 days
Ca199	14 days
Calcitonin	1 days
Calcium	7 days
Calcium Urine	4 days
Cannabinoids (THC) urine	5 days
Carbamazepine	7 days
CEA	14 days
Chloride	7 days
Cholesterol	7 days
CK	7 days
Cortisol	4 days
C-Peptide	1 days
Creatinine	7 days
Creatinine (urine)	6 days
CRP	7 days
Cyclosporine	7 days
DHEAS	14 days
Digoxin	2 days

Test	Allowable time for test to be added (after collection time)
Ferritin	7 days
Folate	2 days
FSH	14 days
FT3	7 days
FT4	7 days
Gentamicin	7 days
GGT	7 days
Glucose	3 days
Glucose	3 days
Growth Hormone (HGH)	1 days
HCG	14 days
HDL	7 days
Homocysteine	7 days
IGF-1	3 days
Insulin	2 days
Iron	7 days
Ketones	12h
Lactate	7 days
Lamotrigine	3 days
LD	4 days

Test	Allowable time for test to be added (after collection time)
LH	14 days
Lipase	7 days
Lithium	7 days
Magnesium	7 days
Magnesium (Acidified urine)	3 days
Methadone Metabolites urine	5 days
Methotrexate	3 days
Opiates urine	5 days
Paracetamol	7 days
PCT	1 days
Phenobarbital	7 days
Phenytoin	4 days
Phosphate	4 days
Phosphate urine (acidified)	7 days
Potassium	7 days
Progesterone	5 days
Prolactin	7 days
PSA – Total and Free	5 days
PTH	3 days
Salicylate	7 days

Test	Allowable time for test to be added (after collection time)
SHBG	7 days
Sodium	7 days
Tacrolimus (FK506)	7 days
Testosterone	2 weeks
Thyroglobulin	3 days
Tobramycin	3 days
Triglyceride	7 days
Troponin T	2 days
TSH	14 days
UIBC	7 days
Urea	7 days
Urea (urine)	7 days
Uric acid	5 days
Uric Acid (urine NaOH)	4 days
Valproate	7 days
Vancomycin	2 days

HAEMATOLOGY

Test	Allowable time for test to be added (after collection time)
ESR	24 hours
Reticulocytes, CBC, Film, IMS	24 hours
INR, FIB, TCT	24 hours
APTT, APTT mix/correction	6 hours
Dimer	24 hours
DIC Screen (all except APTT)	24 hours

All other coag testing to be added on: please refer to Coagulation ext 98459

IMMUNOLOGY

- Add-ons will be permitted for any Immunology test

INFECTIOUS SEROLOGY

- Add-ons are **NOT** permitted for the following tests, **if** the sample has already been processed through an analyser:
 - HIV**
 - Hepatitis B antigen**
 - Syphilis**
- Add-ons will be permitted for any other infectious serology test

MICROBIOLOGY

- As a general rule, additional culture can be added on within 24 hours of collection, however requests should be discussed with Microbiology staff for confirmation.

MOLECULAR BIOLOGY

- PCR should be carried out on a dedicated sample
- PCR **cannot** be added on to samples that have been processed through an analyser except in exceptional circumstances such as post-mortem samples or when the patient has died
- Add-on requests are permitted for samples OTHER than serum or plasma.
e.g. an add-on request for CSF is valid