

# LIS FACT SHEET WCH–Biochemistry



## More Information

Visit our website  
www.sapathology.  
sa.gov.au  
Phone 8222 3000

PUB-0613 v1

SA Pathology is introducing a new **Laboratory Information System (LIS)** at the Women's and Children's Hospital (WCH). The new LIS 'places' biochemistry orders differently from the current Ultra system. Discussion with WCH clinicians has determined that biochemistry results will no longer be seen in a single screen, but will be grouped into smaller 'orderables' to ensure all biochemistry results are visible in OACIS in a consistent manner.

We acknowledge this change may take some time to get used to.

We anticipate this will be in place until WCH migrates to EPAS.

## BIOCHEMISTRY GROUPS

Biochemistry results will be grouped as:

**EUC** – Electrolytes Urea Creatinine

**LFT** – Liver Function tests (Albumin, Globulin, Total Protein, Bilirubin, GGT, ALP, ALT, AST and LDH)

All other requests will be placed as individual orders and will appear as individual results.

## OACIS LOGIN

The OACIS 'Welcome Banner' will feature a message about this change.

## OACIS SOURCE FEEDS

- There is a new SA Pathology source feed into OACIS.
- The source is '**SAP**' instead of 'WCH' or 'IMS'.
- For the 'SAP' results the OACIS Lab results page has changed.

## OACIS Laboratory Results Page

Date	Time	Description	Source	Abnrm	Department	Comm	Status
24/03/2017	12:06	Electrolytes Level	SAP				Final
	12:06	Bilirubin Level Conjugated Direct	SAP				Final
	12:06	Bilirubin Level Total	SAP				Final
	11:55	BIOCHEMICAL ANALYSIS	IMS		Biochemistry	*	Final
	11:00	BIOCHEMICAL ANALYSIS	IMS		Biochemistry	*	Final
	10:21	Electrolytes Level	SAP				Final
02/03/2017	11:49	Transfused	SAP			*	Final
	11:49	Transfused	SAP			*	Final
	11:00	.GTT Preg Glucose 2 Hr	SAP			*	Final
	10:28	Blood Group	SAP				Final
	10:28	Antibody Screen	SAP				Final
	10:28	Electrolytes, Urea, Creatinine	SAP				Final
	10:28	Liver Function Tests	SAP				Final
	10:28	%M	SAP			*	Interim
	10:28	Complete Blood Examination	SAP		Haematology	*	Final
	10:05	COMPLETE BLOOD EXAM	IMS		Haematology	*	Final
	10:05	BIOCHEMICAL ANALYSIS	IMS		Biochemistry	*	Final
	10:05	STERILE SITE MICROBIOLOGY	IMS		Microbiology	*	Final
	10:00	.GTT Preg Glucose 1 Hr	SAP				Final
	09:00	.Oral Dose of Glucose	SAP				Final

'SAP' - a new pathology feed into OACIS

See expansions on page 2



To ensure that you have viewed all results it is very important that you click on each test description line.

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## OACIS Laboratory Results Page

EUC and LFT results from the new LIS will be resultated separately as shown.

Lab Detail		Patient: DACIS-TEST, MILLIE		Age: 9 mo		MRN: 735003589 SA Pathology	
		Gender: Female		D.O.B.: 01/06/2016		5869345 IMVS	
			23/02/2017 09:45	23/02/2017 10:16	02/03/2017 10:05	02/03/2017 10:28	
<b>Comments</b>			*		*		
<b>Specimen Type</b>			SERUM	BLOOD	PLASMA	BLOOD	
+ Sodium	[* - *] mmol/L		142	135	143	138	
+ Potassium	[* - *] mmol/L		4.7	4.1	4.8	4.0	
+ Chloride	[* - *] mmol/L		102	105	103	106	
+ Bicarbonate	[* - *] mmol/L		31	17	31	22	
Anion Gap	(5 - 17) mmol/L		14	17	14	14	
Urea	(0.7 - 5.0) mmol/L			5.0		8.2	
Creatinine (Blood)	(11 - 36) umol/L			35		50	
Albumin	(28 - 48) g/L		34		34		
Globulins	(17 - 29) g/L		36		37		
Total Protein	(55 - 79) g/L		70		71		
Bilirubin	(2 - 24) umol/L		5		4		
+ Gamma Glutamyl Transpeptidase	[* - 40] U/L		17		18		
+ Alkaline phosphatase	[* - *] U/L		83		83		
+ Alanine Aminotransferase	[* - 35] U/L		20		21		
+ Aspartate aminotransferase	[* - 80] U/L		29		30		
Lactate dehydrogenase	(170 - 450) U/L		243		250		
<b>Clinical Comments</b>							
[Lab No = ACC:17-061-00020 FN:27896407]							

EUC

Lab Detail		Patient: DACIS-TEST, MILLIE		Age: 9 mo		MRN: 735003589 SA Pathology	
		Gender: Female		D.O.B.: 01/06/2016		5869345 IMVS	
			23/02/2017 09:45	23/02/2017 10:16	02/03/2017 10:05	02/03/2017 10:28	
<b>Comments</b>			*		*		
<b>Specimen Type</b>			SERUM	BLOOD	PLASMA	BLOOD	
Albumin	(28 - 48) g/L		34	40	34	35	
Globulins	(17 - 29) g/L		36	15	37	23	
Total Protein	(55 - 79) g/L		70	55	71	58	
Bilirubin	(2 - 24) umol/L		5	20	4	8	
+ Gamma Glutamyl Transpeptidase	[* - 40] U/L		17	15	18	17	
+ Alkaline phosphatase	[* - *] U/L		83	210	83	400	
+ Alanine Aminotransferase	[* - 35] U/L		20	15	21	16	
+ Aspartate aminotransferase	[* - 80] U/L		29	25	30	26	
Lactate dehydrogenase	(170 - 450) U/L		243	320	250	385	
+ Sodium	[* - *] mmol/L		142		143		
+ Potassium	[* - *] mmol/L		4.7		4.8		
+ Chloride	[* - *] mmol/L		102		103		
Bicarbonate	(17 - 30) mmol/L		31		31		
Anion Gap	(5 - 17) mmol/L		14		14		
Creatinine (Blood)	(11 - 36) umol/L						
Urea	(0.7 - 5.0) mmol/L						
<b>Clinical Comments</b>							
[Lab No = ACC:17-061-00020 FN:27896409]							

LFT

## MORE INFORMATION

For more information and onsite support:

Visit the SA Pathology WCH laboratory on Level 4 or

Phone 8161 6704