To: Daniel Edlin[dedlin@theranos.com]; Anam Khan[Anamk@theranos.com]
Cc: Daniel Young[dyoung@theranos.com]
From: Tina Lin
Sent: Wed 1/7/2015 1:59:52 AM
Importance: Normal
Subject: RE: Test list is confirmed
Received: Wed 1/7/2015 1:59:53 AM
Theranos Lab Result Report_Rupert Murdoch_129849_01072015.pdf

I asked CLSs not to release yet because we should look at the results first (attached).

Notes:

- CO2 is run way earlier than usual, so it's a bit high... what do you want to do with it?

- ISEs are a bit low.

- Ca is high. Alb and TP are on the edge of the RR.

- LDL is a lot lower than HDL. Is there a way for us to validate Lipids in the future via some sort of formula?

We have no sample for rerun since it was a short draw.

Thanks,

Tina

-----Original Message-----
From: Daniel Edlin
Sent: Tuesday, January 06, 2015 5:56 PM
To: Tina Lin; Anam Khan
Cc: Daniel Young
Subject: RE: Test list is confirmed

We should create a manual report that says Technology Demonstration.

Thanks

-----Original Message-----

From: Tina Lin

Sent: Tuesday, January 06, 2015 5:42 PM

To: Anam Khan; Daniel Edlin

Cc: Daniel Young

Subject: RE: Test list is confirmed

Results will be ready in 10 minutes. How do we want to release this?

DY, the ISEs are low... there's absolutely no more plasma to do another run.

Na

K

Cl

Thanks,

Tina

-----Original Message-----

From: Anam Khan

Sent: Tuesday, January 06, 2015 5:07 PM

To: Tina Lin; Daniel Edlin

Subject: RE: Test list is confirmed

Done

-----Original Message-----

From: Tina Lin

Sent: Tuesday, January 06, 2015 4:57 PM

To: Daniel Edlin; Anam Khan

Subject: RE: Test list is confirmed

Importance: High

Anam, can you add dbil, amylase, and lipase AFTER the visit? We only have one CTN and it'll prompt two if you add all those now.

And the barcode is 0360000000089863.

Thanks,

Tina

_____

From: Daniel Edlin

Sent: Tuesday, January 06, 2015 4:48 PM

To: Tina Lin

Subject: Test list is confirmed

>> CMP, DBIL, Lipids, Amylase, Lipase from the 1 CTN.

> Sent from my iPhone

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Lynette S.W. Sawyer, Dr.P.H

Laboratory Director

Patient	Physician	Visit
Murdoch, Rupert	Demonstration, Technology	Date: 1/6/2015
Male,	Technology Demonstration	Time: 05:05 PM
Home:	P: (650) 838-9292	Theranos Service Center
Mobile:	F:	1601 S. California Avenue
Email:	Email: demo@theranos.com	Palo Alto, CA 94304
Fasting: No		**Acc #: 129849**

Test: Comprehensive Metabolic Panel (CMP)

Result Name	Result value	Units	Flag	Reference Range
Sodium		mM		132 - 146
Potassium		mM		3.5 - 5.5
Chloride		mM		99 - 109
Carbon Dioxide		mM		19 - 33
Glucose		mg/dL		73 - 200

Interpretive Data:

Non-pregnant Adult

Fasting glucose: <100 mg/dL normal fasting glucose
        >=100-125 mg/dL impaired glucose tolerance
        >=126 mg/dL diabetes mellitus*

Non-fasting glucose: >200 mg/dL diabetes mellitus**

*Must be confirmed by testing on a separate occasion
**In conjunction with clinical signs and symptoms of diabetes mellitus

(American Diabetes Association: Diagnosis and classification of diabetes mellitus. Diabetes Care 2010; 33(Suppl 1):S62-S69.)

Result Name	Result value	Units	Flag	Reference Range
Urea Nitrogen		mg/dL		9 - 23
Creatinine		mg/dL		0.60 - 1.10
Urea nitrogen/Creatinine				<=20.0
eGFR, African-American		mL/min/1.73m2		>60
eGFR, non-African American		mL/min/1.73m2		>60
Calcium		mg/dL		8.7 - 10.4
Protein, Total		g/dL		5.7 - 8.2
Albumin		g/dL		3.2 - 5.0
Bilirubin, Total		mg/dL		0.3 - 1.2

Patient: **Murdoch, Rupert**   Patient Lab Results   Report date: 1/6/2015 5:57:07 PM

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Lynette S.W. Sawyer, Dr.P.H
Laboratory Director

Result Name	Result value	Units	Flag	Reference Range
Alkaline phosphatase		U/L		45 - 129
Alanine Aminotransferase		U/L		10 - 49
Aspartate Aminotransferase		U/L		0 - 34

Test: Lipid Panel

Result Name	Result value	Units	Flag	Reference Range
Triglycerides		mg/dL		<=149

Interpretive Data:

Adult (Fasting)

Normal: <= 149 mg/dL
Borderline-High: 150-199 mg/dL
High: 200-499 mg/dL
Very High: >= 500 mg/dL
Very High Risk for Pancreatitis: >= 1000 mg/dL

(ATP Classification, http://www.nhlbi.nih.gov/guidelines/cholesterol/atglance.pdf)

Cholesterol, Total		mg/dL		

Interpretive Data:

<200 = Desirable
200 = x = 239 = Borderline High
=240 = High

*(ATP Classification, http://www.nhlbi.nih.gov/guidelines/cholesterol/atglance.pdf)

HDL-C		mg/dL		

Interpretive Data:

Adult (mg/dL)

< 40 mg/dL = Low (Undesirable is a CHD Risk Factor)
= 60 mg/dL = High (Desirable is a Negative Risk Factor)

*(ATP Classification, http://www.nhlbi.nih.gov/guidelines/cholesterol/atglance.pdf)

Direct LDL		mg/dL		

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Lynette S.W. Sawyer, Dr.P.H

Laboratory Director

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Result Name	Result value	Units	Flag	Reference Range
Interpretive Data:				
LDL Cholesterol - Primary Target of Therapy				
<100 mg/dL = Optimal				
100-129 mg/dL = Near Optimal/Above Optimal				
130-159 mg/dL = Borderline				
160-189 mg/dL = High				
= 190 mg/dL = Very High				
LDL Cholesterol				
*<100 mg/dL if patient has coronary heart disease (CHD) or other atherosclerotic disease (CHD equivalent).				
*<130 mg/dL if no CHD or CHD equivalent and 2 or more risk factors.				
*<160 mg/dL or lower if no CHD or CHD equivalent and less than 2 risk factors.				
*(ATP Classification, http://www.nhlbi.nih.gov/guidelines/cholesterol/atglance.pdf)				

Test: Bilirubin, Direct

Result Name	Result value	Units	Flag	Reference Range
Bilirubin, Direct		mg/dL		<=0.4

Test: Amylase

Result Name	Result value	Units	Flag	Reference Range
Amylase, Total		U/L		23 - 115

Test: Lipase

Result Name	Result value	Units	Flag	Reference Range
Lipase		U/L		11.0 - 56.0

Performing Site:

Newark - 7373 Gateway Boulevard, Newark CA 94560