From: Richards, Judy
To: Lobdell, Danelle
Subject: RE: FW: normal ranges for samples from November 2011
Date: Tuesday, July 30, 2013 1:27:18 PM

The Ferritin kit came from Kamiya Biomedical Company Seattle, WA. It is an immunoturbidimetric assay.

ALT and GGT are from Thermo Fisher Middletown, VA. The GGT is a kinetic method that utilizes Glucana in a one step method in which the reaction is initiated with the addition of sample. The Alt is also a kinetic method that uses LDH and NADH for its determination.

AST is from TECO Diagnostics Anaheim,CA. AST is kinetic and the AST activity is determined by measuring the rate of oxidation of NADH at 340 nm.

All assays are modified for use on the Konelab 30 from Thermo Labsystems, Espoo, Finland.

From: Lobdell, Danelle
Sent: Tuesday, July 30, 2013 1:54 PM
To: Richards, Judy
Subject: FW: FW: normal ranges for samples from November 2011

Sorry to bug you again Judy, can you send information about the methodology used?

Thanks,

Danelle

Danelle T. Lobdell, Ph.D., M.S.
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From: Harry Roels [mailto:roelsharry@telenet.be]
Sent: Tuesday, July 30, 2013 1:51 PM
To: Lobdell, Danelle
Cc: Rosemarie Bowler; Colledge, Michelle; Cheryl.beseler@colostate.edu; Hudgens, Edward; Bollweg, George
Subject: Re: FW: normal ranges for samples from November 2011

Thank you Danelle,

Is it possible to send me also a brief description of the laboratory methods used for these serum analyses and the references going with these methods?

Thank you in advance.

Harry

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Op 30/07/2013 19:16, Lobdell, Danelle schreef:

From: Richards, Judy
Sent: Tuesday, July 30, 2013 1:14 PM
To: Lobdell, Danelle
Subject: RE: normal ranges for samples from November 2011

These are the normal ranges for the kits I use.

Ferritin:

Male: 7 to 253 ng/ml
Female: 2-110 ng/ml

ALT:

10-35 U/l

AST:

Up to 40 U/l

GGT:

Male: <50 U/l
Female: < 30 U/l

Judy

From: Lobdell, Danelle
Sent: Tuesday, July 30, 2013 12:05 PM
To: Richards, Judy
Subject: normal ranges for samples from November 2011

Hi Judy,

It has been a long time. We are currently analyzing the biomarkers for an upcoming paper and I am looking through my emails with you and the data that you sent and do not see normal values for ferritin, ALT, AST, and GGT. Samples were ran on November 16, 2011.

Thanks,

Danelle

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