

Memo

To: AML Reference Laboratory Clients
From: Allina Medical Laboratories, Reference Laboratory Services
Date: April 10, 2006
Re: C-Peptide Testing Brought In-House

On Tuesday, April 11, 2006 Allina Medical Laboratories will begin performing C-Peptide testing in-house. C-Peptide will be performed in Chemistry on the Roche Elecsys.

Test Name:	C-Peptide
Test Code:	CPE / 265
Days Performed:	Tuesday, Thursday, Sat or Sun
Turn Around Time:	2 Days
Specimen Type:	Serum (Heparinized Plasma also acceptable)
Processing:	Spin, Separate and Freeze
Container:	Plastic Aliquot Vial labeled as Serum or Heparinized Plasma
Reference Range:	1.03 - 4.89 ng/mL
Stability:	24 Hours when stored at 2 - 8°C, 30 Days when stored at -20°C

C-peptide has a variety of uses including diagnosis of factitious hypoglycemia, as a marker for residual pancreatic tissue after pancreatectomy, monitoring progress after pancreas or islet cell transplantation, diagnosis of insulinoma, and distinguishing between type 1 and type 2 diabetes mellitus. Some investigators have found that a low C-peptide at diagnosis (along with islet cell antibodies) is a useful marker to predict insulin dependence. In cases of insulinoma, C-peptide measurement may be used to detect metastasis and response to therapy.

If you have any questions regarding the content of this message, please contact your AML Account Representative.