

MEMO

TO: Clients

FROM: CCLS – Specimen Referral Center

DATE: October 4, 2022

SUBJECT: Beta-CrossLaps, Serum

Effective October 6, Mayo will be making changes to the following test:

BETA-CROSSLAPS, SERUM, MAYO CODE CTX (LAB1143)

Explanation:

Reference ranges and patient preparation were updated to align with the newly reformulated reagent for this assay.

Current Reference Value	
Males	
<5 years	242-1292 pg/mL
5-9 years	351-1532 pg/mL
10-15 years	447-2457 pg/mL
16-17 years	478-1666 pg/mL
18-30 years	120-946 pg/mL
31-50 years	93-360 pg/mL
51-70 years	35-836 pg/mL
>70 years	Not established

New Reference Value	
Males	
<5 years	242-1292 pg/mL
5-9 years	351-1532 pg/mL
10-15 years	447-2457 pg/mL
16-17 years	478-1666 pg/mL
18-29 years	238-1019 pg/mL
30-39 years	225-936 pg/mL
40-49 years	182-801 pg/mL
50-59 years	161-737 pg/mL
60-69 years	132-752 pg/mL
>70 years	118-776 pg/mL

Current Reference Value	
Females	
<5 years	347-1508 pg/mL
5-9 years	383-1556 pg/mL
10-15 years	311-1776 pg/mL
16-17 years	146-1266 pg/mL
Premenopausal	25-573 pg/mL

Postmenopausal	104-1008 pg/mL

New Reference Value	
Females	
<5 years	347-1508 pg/mL
5-9 years	383-1556 pg/mL
10-15 years	311-1776 pg/mL
16-17 years	146-1266 pg/mL
18-29 years	148-967 pg/mL

30-39 years	150-635 pg/mL
40-49 years	131-670 pg/mL
50-59 years	183-1060 pg/mL
60-69 years	171-970 pg/mL
>70 years	152-858 pg/mL
Premenopausal	136-689 pg/mL
Postmenopausal	177-1015 pg/mL

Current Specimen Required
<p>Patient Preparation:</p> <ol style="list-style-type: none"> For 12 hours before specimen collection do not take multivitamins or dietary supplements containing biotin (vitamin B7), which is commonly found in hair, skin, and nail supplements and multivitamins. Patient should be fasting. <p>Supplies: Aliquot Tube, 5 mL (T465)</p> <p>Collection Container/Tube:</p> <p>Preferred: Red top</p> <p>Acceptable: Serum gel</p> <p>Submission Container/Tube: Plastic vial, 5 mL</p> <p>Specimen Volume: 1 mL</p> <p>Collection Instructions:</p> <ol style="list-style-type: none"> Collect specimen prior to 10 a.m. Centrifuge and aliquot serum into plastic vial.

New Specimen Required
<p>Patient Preparation:</p> <p>-Patient should be fasting.</p> <p>Supplies: Sarstedt 5 mL Aliquot Tube (T914)</p> <p>Collection Container/Tube:</p> <p>Preferred: Red top</p> <p>Acceptable: Serum gel</p> <p>Submission Container/Tube: Plastic vial</p> <p>Specimen Volume: 1 mL</p> <p>Collection Instructions:</p> <ol style="list-style-type: none"> Collect specimen prior to 10 a.m. Centrifuge and aliquot serum into plastic vial.

Please feel free to contact the Specimen Referrals Center with any questions at 320-251-2700 Ext. 57320