



Interference Evaluation Heterophile, Beta-Human  
Chorionic Gonadotropin, Serum

|                                                |                                    |                                      |              |           |
|------------------------------------------------|------------------------------------|--------------------------------------|--------------|-----------|
| Patient ID<br>SA00141350                       | Patient Name<br>TESTINGRN, REPORTS | Birth Date<br>2001-08-16             | Gender<br>F  | Age<br>19 |
| Order Number<br>SA00141350                     | Client Order Number<br>SA00141350  | Ordering Physician<br>CLIENT, CLIENT | Report Notes |           |
| Account Information<br>C7028846 DLMP Rochester |                                    | Collected<br>10 Jan 2021 06:30       |              |           |

## Interference Eval, Heterophile, HCG

### HCG, Interference Interpretation

| Result Name                                                                                                            | Value    | Unit | Reference Value | Performing Site |
|------------------------------------------------------------------------------------------------------------------------|----------|------|-----------------|-----------------|
| <br>Abn HCG, Interference Heterophile | Detected |      |                 | SDL             |

### HCG, Interpretation

SDL

The presence of heterophile antibody interference in the Roche Elecsys assay is suspected when one or more of the following are observed: a significant decrease in HCG (>20%) upon treatment of the sample with heterophile antibody blocking reagents, lack of linearity upon serial dilutions, or a significant difference in HCG concentration on the alternate platform. When a heterophile antibody interference affecting the Roche Elecsys assay is suspected, the HCG results on this assay are considered a false positive and should not be used in clinical management.

This heterophile antibody interference evaluation does not rule out the presence of other types of interfering substances such as biotin.

### Performing Site Legend

| Code | Laboratory                                          | Address                                    | Lab Director                | CLIA Certificate |
|------|-----------------------------------------------------|--------------------------------------------|-----------------------------|------------------|
| SDL  | Mayo Clinic Laboratories - Rochester Superior Drive | 3050 Superior Drive NW, Rochester MN 55901 | William G. Morice M.D. Ph.D | 24D1040592       |



|                                                       |                                            |                                            |                    |                  |
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| Result Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Value      | Unit | Reference Value | Performing Site  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------|-----------------|------------------|
| Beta-HCG, Quantitative, S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5.0        | IU/L |                 | <div>1</div> SDL |
| <p>HCG concentrations above the reference interval can occur if the patient is hypogonadal. Inadequate negative feedback to the pituitary, due to low sex hormone levels, may result in elevated HCG. It is recommended that serum luteinizing hormone (LH) or follicle stimulating hormone (FSH) be determined to assess this possibility.</p> <p><b>REFERENCE VALUE</b></p> <p>Females:</p> <p>&lt;1.0 (Premenopausal, non-pregnant)</p> <p>&lt;7.0 (Postmenopausal)</p> <p>The testing method is an electrochemiluminescence assay manufactured by Roche Diagnostics Inc. and performed on the Modular or Cobas system.</p> <p>Values obtained with different assay methods or kits may be different and cannot be used interchangeably.</p> <p>Test results cannot be interpreted as absolute evidence of the presence or absence of malignant disease.</p> <p>Human chorionic gonadotropin (hCG) values are not interpretable in pregnant females for the investigation of malignant disease.</p> |            |      |                 |                  |
| <div><div><div>!</div></div><div>High</div></div> <b>HCG, Alternative Method, S</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>1.0</b> | IU/L | <0.6            | <div>1</div> SDL |
| <p>The testing method is an immunoenzymatic assay manufactured by Beckman Coulter Inc. and performed on the UniCel Dxl 800.</p> <p>Values obtained with different assay methods or kits may be different and cannot be used interchangeably.</p> <p>Test results cannot be interpreted as absolute evidence of the presence or absence of malignant disease.</p> <p>Human chorionic gonadotropin (hCG) values are not interpretable in pregnant females for the investigation of malignant disease.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |      |                 |                  |

Received: 11 Jan 2021 12:40

Reported: 11 Jan 2021 12:41

#### Laboratory Notes

- 1** This test has been modified from the manufacturer's instructions. Its performance characteristics were determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

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