

# TECHNICAL BULLETIN

☐ NEW TEST   ☒ TEST CHANGE

NOTIFICATION DATE: 03/03/2023

EFFECTIVE DATE: Immediate

## Expanded/Universal Carrier Screening (ECS)

On the effective date, the expanded Carrier Screen (ECS) testing (**Horizon274** and **Horizon421**) performed by Natera Inc. will now be interfaced. Ordering and reporting are electronic through the electronic medical record systems (EMRs). As a reminder these tests replaced ECS 283 and 502 that was sent to Sema4 Laboratories previously.

For a full list of conditions that are screened for on both panels, please visit:

<https://www.natera.com/womens-health/horizon-advanced-carrier-screening/what-it-screens/>

| Test Requirement/Parameters | New<br>Horizon 274 and 421 Carrier Screen | Previous<br>Expanded Carrier Screen 283 and 502 |
|-----------------------------|---|---|
| Method                      | Next generation sequencing, Array CGH-SNP | Next generation sequencing, Array CGH-SNP       |
| Specimen Requirements       | 5-10 mL whole blood                       | 5 mL whole blood                                |
| Container/Tube              | 2-3 Lavender (EDTA) Top Tubes             | 2 Lavender (EDTA) Top Tubes or Yellow ACD Tube  |
| Specimen Stability          | Room Temperature, 14 day stability        | Room Temperature, 14 day stability              |
| Computer Interface Code     | <b>PDM #225281, #225043</b>               | <b>PDM #225299, 225300</b>                      |
| Test Order                  | <b>Horizon274, Horizon421</b>             | <b>EXPAND283, EXPAND502</b>                     |



If you have any questions, please contact Client Services at (800) 472-5757.