



Analyzer Bulletin

cobas e 601 and 602 analyzers – Handling of High Priority Tests

This Analyzer Bulletin has been updated to include additional assays. Updates are indicated by black bars in the margins.
Information

Our integrated systems can contain combinations of both the clinical chemistry analyzer (**cobas c** 501, 701, and/or 502 analyzers) and the immunoassay analyzer (**cobas e** 601 or 602 analyzer). The assays performed on this system are assigned one of two priority levels: either normal or high. High priority levels are assigned to certain immunoassays in order to prevent potential sample carryover from the sample probes used on the clinical chemistry analyzers. Based on internal testing, Roche Diagnostics has programmed the following immunoassays on the **cobas e** 601 and 602 analyzers with a high priority level:

| Test Name | Catalog Number |
|--|----------------|
| AFP (α 1-fetoprotein) | 04481798190 |
| AFP (200 Tests) | 04491742160 |
| Anti-CCP (Antibody to cyclic citrullinated peptide) | 05031656160 |
| Anti-HAV (Total antibodies [IgM and IgG] to the hepatitis A virus) | 05524261160 |
| Anti-HBc (Total antibodies to hepatitis B core antigen) | 04927826160 |
| Anti-HBs (Antibody to hepatitis B surface antigen) | 11820524160 |
| Anti-HCV (Antibody to hepatitis C virus) | 03290352160 |
| CEA (Carcinoembryonic antigen) | 11731629160 |
| CEA (200 Tests) | 04491777160 |
| CMV IgG* (IgG antibodies to Cytomegalovirus) | 07309325160 |
| HBsAg (Hepatitis B surface antigen) | 11820532160 |
| HCG+ β (Human chorionic gonadotropin + β -subunit) | 03271749160 |
| HCG STAT (Human chorionic gonadotropin STAT) | 03300811190 |
| HE4 (Human epididymal protein 4) | 05950929190 |
| hGH (Human growth hormone) | 05390125190 |
| PTH STAT (Parathyroid hormone STAT) | 04892470190 |
| Rubella IgG (IgG antibodies to Rubella virus) | 04618793160 |
| Rubella IgM (IgM antibodies to Rubella virus) | 04618831160 |
| total PSA (total Prostate-specific antigen) | 04641655160 |
| total PSA (200 Tests) | 04491734160 |
| Toxo IgG (IgG antibodies to <i>Toxoplasma gondii</i>) | 04618815160 |

*Only available on the **cobas e** 602 analyzer

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 **cobas e 601**  **cobas e 602**

Information, continued

The priority information is encoded in the application parameters and downloaded into the system when the assay is downloaded. When a sample has a high priority test ordered, the high priority test requires that the immunoassay tests be sampled first on the immunoassay analyzer before going to the clinical chemistry analyzer.

If a sample rack contains samples that have a combination of both normal priority and high priority tests, the samples containing all normal priority tests may be pipetted on the chemistry analyzer first and on the immunoassay analyzer next. Once the test results of the high priority tests are available and further sample dilution is not required on the immunoassay analyzer, the sample is then transferred to the clinical chemistry analyzer for pipetting of the remaining clinical chemistry assays.

When a test request is added for a high priority immunoassay for samples already processed on the clinical chemistry system, a new sample should be drawn or a comment for potential carryover should be added.

Actions Required

- Discard any previous versions of this Analyzer Bulletin.
- File this Analyzer Bulletin for future reference.

Questions

Please contact Roche Support Network Customer Support Center at 1-800-428-2336 if you have questions about the information contained in this Analyzer Bulletin.

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