

# Advia centaur assay manual bnp

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**What is the principle of Advia Centaur?** Test Principle The ADVIA Centaur IL6 assay is a fully automated, one-step direct immunoassay using chemiluminescent technology, performed on the ADVIA Centaur XP, ADVIA Centaur XPT, and ADVIA Centaur CP systems. The assay utilizes an acridinium ester-labeled monoclonal mouse anti-IL-6 antibody as the Lite Reagent.

**What is Siemens Advia Centaur Chemiluminescence Immunoassay?** The ADVIA Centaur CP System is an immunoassay test instrument for mid-volume labs. Its broad menu lets you both expand and consolidate – by bringing a wide range of assays to one workstation, eliminating redundant systems. The ADVIA Centaur CP System is easy to operate, increases efficiency and streamlines workflow.

**What is the difference between Centaur XP and XPT?** The new ADVIA Centaur XPT Immunoassay System represents a technological advance over the previous ADVIA Centaur XP model. It retains most of the structural and functional characteristics of the previous model and adds a number of significant improvements.

**What is the centaur CP method?** The ADVIA Centaur® CP Immunoassay System is a mid-volume, high-throughput bench top system that enhances your in-house test capability. With its broad menu and short Turn Around Times (TAT), you can do more — without compromising efficiency, productivity, or quality.

**What is the principle of Advia?** ADVIA technology utilizes peroxidase staining—the gold-standard in differential testing. This primary methodology of the ADVIA Hematology Systems also provides a secondary total white cell count that acts as an internal QC check to monitor sample integrity.

**What is the principle of elemental Analyser?** Basic Principle: At the end of the combustion period, a dynamic burst of oxygen is added to ensure total combustion of all inorganic and organic substances. The resulting combustion products pass through specialized reagents to produce carbon dioxide (CO<sub>2</sub>), water (H<sub>2</sub>O) and Nitrogen (N<sub>2</sub>) and oxides of nitrogen.

**Is chemiluminescence better than Elisa?** In the comparison of ELISA and CLIA, the CLIA is highly sensitive. ELISA measures optical density, whereas CLIA measures relative light unit. Based on the detection range, the CLIA range is high as compared to ELISA. The CLIA is a rapid test, while the ELISA is time-consuming.

**How does chemiluminescence assay work?** Chemiluminescence Immunoassay (CLIA) CLIA is an assay where a chemiluminescence system (light emission due to a molecule emits a photon in an excited state) is combined with immunoreactions to indicate the concentration of a specific sample according to the luminescence of the chemical reaction.

**What is the advia method of Siemens?** This flow cytometry-based system uses light scatter, differential white blood cell (WBC) lysis, and myeloperoxidase and oxazine 750 staining to provide a complete blood cell count, a WBC differential, and a reticulocyte count. A cyanide-free method is used to measure hemoglobin colorimetrically.

**What is Siemens Centaur XP?** The high-performance ADVIA Centaur® XP system has more onboard reagents and dedicated STAT capabilities to maximize productivity, regardless of volume or types of tests. Always ready, continuous operation without interruption. High throughput, up to 240 tests/hour. Intuitive software for ease of operation.

**How thick is the Centaur upper stage?** ULA says that the Centaur upper stage is half the thickness of a dime. If upper stages are made from flat stainless steel sheet metal and not orthogrid, then what is keeping it from buckling during launch from the huge axial loads and pressure differential when the Vulcan Centaur starts tilting?

**How big is the Centaur V?** The Centaur upper stage is 5.4 m (17.7 ft) in diameter and 11.7 m (38.5 ft) long with a 120,000-lb propellant capacity. Its propellant tanks

are constructed of pressure-stabilized, corrosion-resistant stainless steel.

**What is the meaning of Advia?** adj worthy of recommendation; prudent; sensible.

**What are the dimensions of Centaur CP?** DIMENSIONS: width 74cm length 107cm height 81cm Weight: 166 kg.

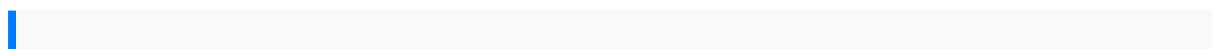
**What is the CP method?** Cp stands for “process capability”, and it measures the ability of your manufacturing process to produce a product within specification limits. A high Cp value indicates that your manufacturing process has a wide margin for error; a low Cp value indicates that your manufacturing process has little room for error.

**What is the principle of infrared analyzer?** Infrared gas analyzers usually have two chambers, one is a reference chamber while the other chamber is a measurement chamber. Infrared light is emitted from some type of source on one end of the chamber, passes through a series of chambers that contains given quantities of the various gases in question.

**What is the principle of mercury Analyser?** Description: The mercury analyzer is used to determine mercury concentrations in liquid and solid samples. The DMA-80 is based on the principles of sample thermal decomposition, mercury amalgamation and atomic absorption detection.

**What is the principle of thermal conductivity analyzer?** Principle. This thermal conductivity gas analyzer measures gas concentration by utilizing the difference of thermal conductivities between two gas components. In the detector, there are a reference chamber and a measuring chamber, in each of which a thin platinum wire is stretched.

**What is the principle of immuno analyzer?** It works on the basic principle of antigen-antibody specificity. The enzymes are used to convert a substrate to a different product, thereby leading to the emission of light of a specific color. The luminescence is an indication of the presence of an antigen.



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