BioPlex® 2200 Antiphospholipid Syndrome (APLS) IgG, IgM, IgA Kits

Simultaneous Detection of Autoantibodies for Antiphospholipid Syndrome (APS)

The BioPlex® 2200 offers the highest throughput, fully-automated, random access, multiplex platform for the accurate and timely diagnosis of primary and secondary Antiphospholipid Syndrome (APS).

Bio-Rad’s multiplex technology allows consolidated testing of the four first-line serological assays, as recommended in the laboratory criteria for the diagnosis of APS—anti-Cardiolipin (aCL) IgG and IgM and anti-Beta-2 Glycoprotein I (aβ2GPI) IgG and IgM. This high level of automation provides the flexibility and improved workflow to combine testing of second-line assays that are frequently detected in specific patient subgroups—aCL IgA and aβ2GPI IgA.

Generating a full profile of clinically relevant APS antibodies facilitates identification of patients with multiple APS autoantibody positivity associated with a higher risk of thrombosis.

APLS IgG Kit Includes:
- Anti-Cardiolipin IgG
- Anti-Beta-2 Glycoprotein I IgG

APLS IgM Kit Includes:
- Anti-Cardiolipin IgM
- Anti-Beta-2 Glycoprotein I IgM

APLS IgA Kit Includes:
- Anti-Cardiolipin IgA
- Anti-Beta-2 Glycoprotein I IgA
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Enhanced Efficiency
- The highest throughput, fully-automated, random access platform available for efficient APS testing
  - Fully-automated, random access processing of up to 200 results per hour provides faster turnaround time by eliminating batched runs
  - One small 5 µL sample generates up to 2 results per kit providing more tests with less sample volume
  - 30-day calibration curve eliminates the need for daily calibration
  - 2 analytes per kit reduces kit inventory
- Multiplexed assays allow for simultaneous detection of multiple antibodies
  - Parallel detection of aCL and a2GPI provides physicians with more diagnostic information that aids in the assessment of APS
  - Simultaneous APS antibody measurement facilitates identification of patients with a higher risk of thrombosis through multi-marker positivity
  - Accommodates first-line and second-line APS testing algorithms for more flexible workflow options

Confidence in Patients Results
- Assay cutoffs set at 99th percentile as recommended by laboratory criteria for the diagnosis of APS
  - Excellent diagnostic accuracy: high specificity minimizing false-positive results
  - Clinically relevant test results for improved patient management

Excellent Assay Performance
- Excellent precision, total %CV's are less than 10.7% for all 6 assays, providing accurate and reproducible results minimizing repeat testing


Ordering Information

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<th>Catalog No.</th>
<th>Description</th>
<th>Quantity</th>
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<td>BioPlex® 2200 APLS IgG Reagent Pack, 100 samples</td>
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<td>BioPlex® 2200 APLS IgG Calibrator Set</td>
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**Bio-Rad Laboratories**

For further information, please contact the Bio-Rad office nearest you or visit our website at www.bio-rad.com/diagnostics