AggRAM® Analyzer & Supplies
The AggRAM Analyzer includes CPU with CD burner, keyboard, mouse, color inkjet printer and one AggRAM module. One additional AggRAM module, for a total of two, can be handled by one Analyzer computer.

Cat. No. | Description
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1484 | AggRAM Analyzer
1486 | AggRAM Module
1487 | AggRAM for Export
1667 | Barcode Reader & Cabling
1473 | Siliconized Cuvettes, 200/pkg
1489 | AggRAM Stir Bars, 30/pkg
9139 | Service Manual for AggRAM

Platelet Aggregation & Ristocetin Cofactor Reagents

Cat. No. | Description
--- | ---
5366 | ADP, 2 x 1 mL
5367 | Epinephrine, 2 x 1 mL
5368 | Collagen, 2 x 1 mL
5369 | Platelet Aggregation Kit (5366, 5367, 5368)
5369 | Ristocetin (for RIPA), 10 x 0.5 mL
5370 | Ristocetin Cofactor Kit, 60 tests
5371 | Lyophilized Platelets, 5 x 5 mL
5373 | Risto Cofactor Abnormal Control, 5 x 0.5 mL
5372 | Ristocetin (10 mg/mL), 5 x 1.5 mL
5365 | Tris-Buffered Saline, 1 x 125 mL
5356 | Lyophilized Platelets, 5 x 10 mL

AggRAM® Specifications

Test Types: Platelet Aggregation and Ristocetin Cofactor Agglutination
Absorbance Range: 0.0 to 2.0 O.D.
Measuring Wavelength: 650 nm
Optical Chambers per Module: Four chambers for combined or individual measurements
Cuvettes: 8 mm x 60 mm (silicone coated glass)
Stir Bars: 3.5 mm x 4 mm (coated magnet)
Incubation and Reaction Temperature: 37°C +/-1°C
Graphs: -20% to 110% activity (+/- 0.5%) versus time
Instrument Operating Environment:
  Ambient Temperature: Range 15° to 30°C (59° to 86°F)
  Module:
    Input Power: 110/220 Vac, 50/60 Hz, 1200 Watts Maximum
    Dimensions: 6” (15.24 cm) Tall x 10” (25.40 cm) Wide x 17” (43.18 cm) Deep
    Weight: ~15 lbs (6.75 kg)
  Computer:
    Processor: 3.6 GHz or higher processor
    RAM: 8 GB or higher of RAM
    Hard drive: 1 TB hard drive
    Operating System: Microsoft® Windows® 10
    DVD-RW drive
    20” widescreen LCD monitor
    Keyboard and Mouse
    Color Inkjet Printer

AggRAM® trademark of Helena Laboratories.
® Windows registered trademark of Microsoft Corp.

www.helena.com > 800.231.5663

Advanced Modular System for Platelet Aggregation and Ristocetin Cofactor

four-channel laser optics > customized reports > quality control > quality reagents
AggRAM couples four-channel laser optic modules with a powerful, easy to use Microsoft® Windows interface for aggregometry like has never been seen before.

**The Power of Windows**
The AggRAM system software takes full advantage of the power of Windows. Watch the channel display in real time in one window. Open another window and start another worklist. Open a third and print previous runs or observe any combination of channels. The interface is user-friendly and powerful.

**Flexible Modular Design**
Need eight channels to handle your workload? No problem. Simply add a second module to your AggRAM analyzer. It’s easy to configure your analyzer to your needs whether it’s running multiple agonists or several levels of agonist on one patient or running multiple patients.

**AggRAM Features**
- On-screen prompts step users through testing procedures
- Three levels of password protection, from user to administrator
- Auto slope and max % aggregation
- Display & print lag phase
- Quick access to data input screens
- Many patient demographic fields
- Barcode and bi-directional LIS capable
- Auto curve calculation and smoothing

**Advanced Laser Optics**
Unlike the tungsten lamp optics of old, the AggRAM uses a laser diode to provide beautiful precision across all channels. Upon start-up, AggRAM performs a laser balance check to ensure reproducibility day to day, year to year. Advanced optics coupled with an improved algorithm for slope calculation greatly improve precision for ristocetin cofactor testing.

**Customized Reports**
Include data from one channel or four, one patient or the whole run, or pull from data archives to profile patient results over time.

**Quality Reagents**
AggRAM is complemented by a full line of Helena reagents for platelet aggregation, and ristocetin cofactor plus assayed reference plasmas. Reagents can be validated on other analyzers and technologies.

**Quality Control**
Evaluate and chart QC for ristocetin cofactor based on Westgard rules; generate Levy-Jennings charts, standard curves, etc. with an integral action log.

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