

Pretreated conjugate pad

Ahlstrom-Munksjö ReliaFlow™

Ahlstrom-Munksjö offers a conjugate release pad pre-treated with a standard chemistry, applied by an automated continuous process

As a vital component to a lateral flow assay, the conjugate release pad must perform reliably and consistently.

Ahlstrom-Munksjö utilized a continuous automated process to apply an industry standard conjugate pad chemistry composed of blocking agent, detergent and protein.

Our automated process provides a cost-effective and uniform application of the chemistry solution for consistent performance.

- Uniform and consistent pretreatment with each lot of media due to the continuous automated application process
- Reduces processing steps and time needed when manufacturing the device
- Reduces resources and chemicals needed
- Ready for conjugate gold treatment
- Pads wet rapidly
- Fast, reliable release of gold conjugate
- Easy to use solution, no particular technical skills required for implementation

Benefits and Characteristics

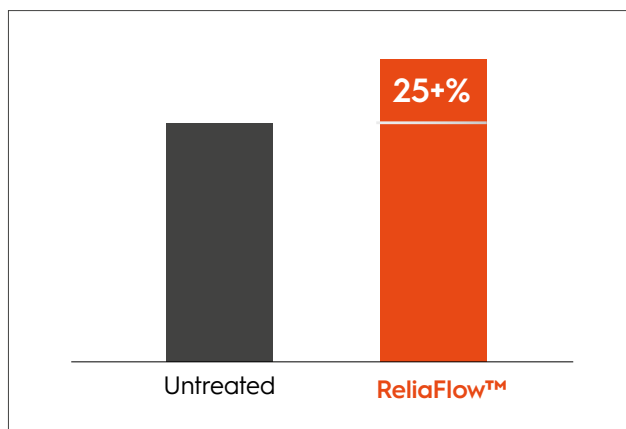
- Provide consistency and reliability in performance
- Reduce resources required
- Reduce production time
- Reduce cost of chemicals

Treatment Chemistry

ReliaFlow™ conjugate release pad is pretreated with an industry standard solution* designed to:

- Dry gold to conjugate pad without compromising quality
- Produce rapid re-wetting of the pad during use of test
- Increased level of gold release to improve sensitivity on average 25+% increase in line visibility
- Improve consistency of gold release with uniformity of surface due to continuous automated application of solution
- Maintain reproducible performance over time

Line Visibility



*Chemical formulation supplied by Arista Biologicals

Typical ReliaFlow™ Properties

Grade	Caliper mm	Wicking Rate seconds for 2 cm travel	Absorption Rate seconds per 0.1 mL water	Hydrophilic	Media Type
800	0.38	4.7	0.9	100%	Polyester

Customized Treatment Solutions

At Ahlstrom-Munksjö we will work with you to apply pretreatments you developed specifically for your tests. Contact us and us be your full service chemical treatment solutions provider.

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