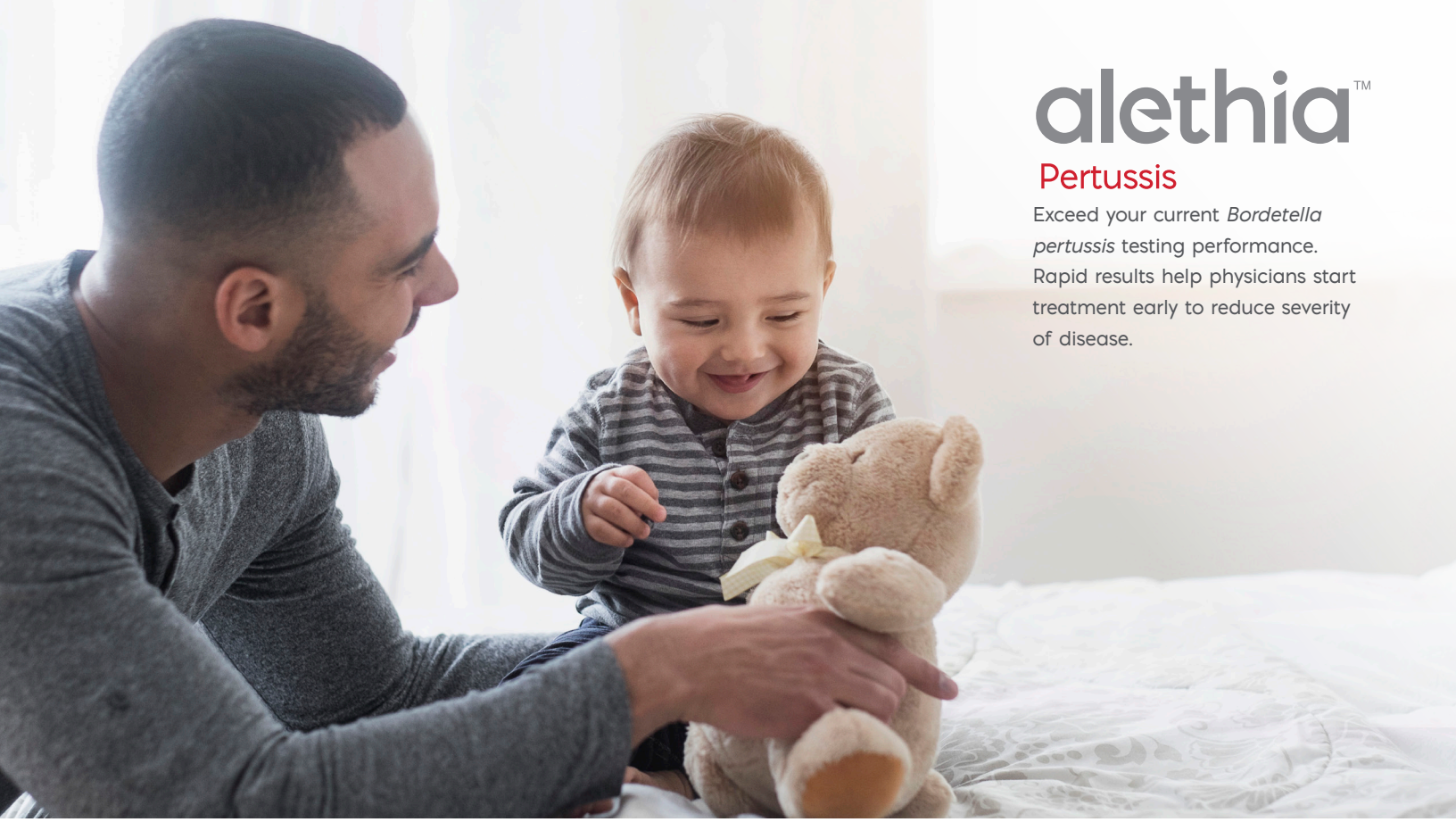

alethia™

Pertussis

Exceed your current *Bordetella pertussis* testing performance. Rapid results help physicians start treatment early to reduce severity of disease.

Alethia™ Pertussis – Rapid and targeted detection for *Bordetella pertussis*

The CDC, IDSA and AAP recognize molecular testing as an important tool to diagnose B. pertussis[1,2] due to improved sensitivity and rapid turnaround time.[1]

Traditional culture requires a 7-10-day turnaround, has a variable sensitivity (12-60%) and requires subjective analysis. Send-out costs and delayed results are a burden on the laboratory.[3,4]

- In recent years, there have been more reported cases of *Bordetella pertussis* (Whooping Cough) in the U.S. than any other time since 1955.[5]
- Studies indicate vaccinations for *Bordetella pertussis* don't always provide lifelong protection.[7]
- Alethia Pertussis has a simple procedure with low invalid rates that eliminate the need for repeat testing.

Is your current testing method accurate?

- How do missed positives affect patient treatment?
- How long does it take your lab to get results with your current method?

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alethia™
Pertussis

Results that Matter

- With molecular results in less than one hour, long turnaround times and send out costs can be eliminated.

Improve Outcomes for Patients

- *Bordetella pertussis* illness can be clinically indistinguishable from other respiratory infections.[6]
- Targeted detection can help physicians treat patients appropriately.
- The molecular accuracy of Alethia Pertussis provides a clear and objective evaluation of positive/ negative test results. This can help to reduce the risk of spreading illness to others and allow for appropriate treatment as soon as possible.

Product Specifications

The Alethia™ Pertussis DNA Amplification Assay is a qualitative in vitro diagnostic test for the direct detection of *Bordetella pertussis* in human nasopharyngeal swab samples taken from patients suspected of having respiratory tract infection attributable to *Bordetella pertussis*

Turnaround Time

Less than one hour

Shelf Life

18 months

Sample Type

Nasopharyngeal swabs

Sample Storage

- Samples should be placed in a non-nutritive transport medium or can be stored unpreserved in a sterile tube without medium.
- Samples may be held at room temperature 21-30C for up to 5 days or refrigerated 2-8C for up to 7 days prior to testing

Kit Storage

Kits should be stored at 2-30C

Performance

Performance characteristics of the assay were compared to culture.

87.8% PPA

97.8% NPA

Catalog Number

Alethia™ Pertussis Assay — 480750

Alethia™ Pertussis External Control Kit — 479930

CPT Codes

87798

References

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3. http://www.aphl.org/AboutAPHL/publications/Documents/ID_2010May_Pertussis-Diagnostics-Brochure.pdf
4. Wendelboe, Aaron Mark, and Annelies Van Rie. "Diagnosis of pertussis: a historical review and recent developments." Expert Review of Molecular Diagnostics. (Nov. 2006):Vol. 6, No. 6. 857-864.
5. https://www.cdc.gov/pertussis/fast-facts.html
6. Wendelboe, Aaron Mark, and Annelies Van Rie. "Diagnosis of pertussis: a historical review and recent developments." (2006): 857-864. https://www.researchgate.net/publication/6659318_Diagnosis_of_pertussis_A_historical_review_and_recent_developments
7. https://www.cdc.gov/vaccines/vpd/dtap-tdap-td/public/index.html

Ready to get a handle on Pertussis testing? Let's talk.

Contact a specialist at 1-888-763-6769.
meridianbioscience.com

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