

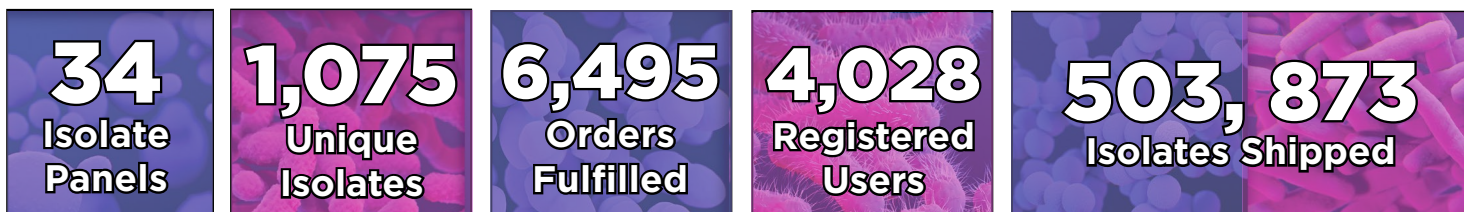
AR Isolate Bank

10 Years of Impact

 **500K**
AR Isolates Shipped

The Centers for Disease Control and Prevention and the U.S. Food and Drug Administration Antimicrobial Resistance Isolate Bank (AR Isolate Bank) is a curated collection of drug-resistant bacterial and fungal isolates (pure samples of bacteria and fungi). Access to isolates is critical to help fight drug resistance, especially for the development of new diagnostic tests and new antibiotic and antifungal drugs. Since its creation, the AR Isolate Bank has supported detection and response to new and existing antimicrobial resistance (AR) threats, advanced diagnostic testing and treatments, and helped fight AR.

In 2025, the AR Isolate Bank celebrated 10 years of services and reached major milestones:



Over the last 10 years, AR Isolate Bank has:

- Provided unique isolates at no cost to approved institutions (only paying for shipping) to help identify and respond to new and emerging drug resistance.
- Supported antibiotic and antifungal research and development for more innovative and effective treatment options for patients.
- Improved accuracy and quality control in diagnostic testing, conserved laboratory resources, and helped identify process errors for reliability in outcomes.
- Published important data about the isolates online, increasing access to the scientific and public health communities.
- Developed new AR Isolate Bank offerings to align with emerging health care threats and challenges, and public health needs.

Benefits of using the AR Isolate Bank

- Provides high-quality isolates quickly and easily to approved institutions.
- Delivers isolates in panels for specific, targeted use, such as research, clinical, or diagnostic needs.

- Strengthens the scientific community's ability to find solutions to threats.
- Ensures customers receive panels for current and emerging threats with comprehensive susceptibility and gene data, including newly approved antibiotics and antifungals.

In the next 10 years, AR Isolate Bank will:

- Expand the collection of isolates and ensure isolate data remain current, relevant, and accessible.
- Improve our understanding of the mechanisms of resistance, which is crucial for developing effective strategies to combat infectious diseases and improve human and animal health.
- Drive cross-sector collaboration with private and public organizations to support the advancement of laboratory methods, early detection of AR threats, and improved patient care.
- Continue outreach, engagement, and education with external partners and potential customers to showcase AR Isolate Bank offerings.



For more information on the AR Isolate Bank, visit:
<https://bit.ly/4rRaDGu>



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