

Speed Up Your Screening Process of Neutralizing Antibodies

The AbVenger technology allows for the rapid detection of neutralizing antibodies in samples by **mimicking the binding and fusion** between the virus and its host cells. Using cell-like and virus-like particles, our technology combines the advantages of cell-based assays and kits.

One Kit – Multiple Advantages







- Delivers results in 3 hours
- Ensures biological relevance
- Compatible with BSL-1 labs
- User-friendly kit format
- Does not require cells or viruses
- Suitable for high-throughput screening



Benchmark

	AbVenger kit	Cell-based assays	Other Nab detection kits
Binding/fusion Nab detection	✓	✓	✗
Biologically relevant results	✓	✓	✗
Results within hours	✓	✗	✓
Automatable	✓	✗	✓
Low biosafety requirement	✓	✗	✓
Ready-to-use	✓	✗	✓

Development Pipeline

Models of Viruses	Proof of Concept	Initial Validation	ICH Guideline Validation
SARS-CoV-2			
Norovirus			
Anthrax			
Ebola			
Influenza			
AAV			

One kit - Multiple Applications

- Potency evaluation of vaccine candidates
- Screening of synthetic neutralizing mAbs, peptides, aptamers and chemicals
- Investigation of herd immunity
- Characterization of immune profile during AAV gene therapy developments

Want to become a beta-tester or a development partner?

Let's Connect

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