



Immunochromatography Assay for Avian Infectious Bronchitis Virus Antigen Detection

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Experience:

<https://sites.google.com/site/winnichenlab/>

An interesting **photo** related to your technology
(be careful not to disclose key technology)

Market Needs:

The current methods to identify avian infectious bronchitis disease are time-consuming and require a trained technician to perform in a laboratory. This would cause delay in disease diagnosis. Hence, the aim is to develop a simple and rapid detection method, which can be easily performed on-site. In addition, an antigen specific detection methods is preferable to screen out the positive cases to control and monitor the spread of the disease, and reduce massive economic loss

Our Technology:

Monoclonal antibodies were employed in the development for immunochromatography assay to detect specifically the antigen of infectious bronchitis virus. Several strains of infectious bronchitis virus could be detected via this immunochromatography assay.

Strength:

This immunochromatography assay could be performed on-site without extra training. The results could be obtained instantly. It could also avoid the effect of using attenuated vaccine and detect the specific antigen.

Competing Products:

None.

Intellectual Properties:

- (1) No related patents have been applied.
- (2) The research group has focused on infectious bronchitis disease for several years. We developed other diagnostics against the IBV.
- (3) Unique technology, not found in the domestic and foreign patent documents.

Contact (do not need to fill out):

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