The State-of-the Arts Advanced Technologies on

Quantitative Analysis of Deactivated Virus Particles
&
Commercial Scale Purification of Animal Vaccines

Over the last decade, our team (together with its strategic partners in universities and research institutes) in protein and animal vaccine researches have led to several major breakthroughs in **animal vaccine deactivations, quantitative analysis of deactivated virus particles, and industrial scale highly effective/economical purification technics.**

The deactivated virus parties can be quantitatively measured!

A single step economical purification process will enable the vaccines to be highly effective!

The costs will be as low as $1.50 per1000 µg of antigen.

The Following Animal Vaccine products have already been successfully commercialized (from culturing, deactivations, quantitative analysis, and purifications). More and more customers are applying our technologies/products to replace their previous obsolete products in several countries.

FMDV: The foot-and-mouth disease virus

PCV: Pneumococcal conjugate virus

PRRSV: Porcine reproductive and respiratory syndrome virus

Influenza Virus

Pseudorabies Virus

Rabies Virus

PEDV: Porcine epidemic diarrhea virus

TGEV: Transmissible gastroenteritis virus (a coronavirus of swine)

RV: Rotavirus

BVDV: Bovine Viral Diarrhea Virus

IBRV: infectious bovine rhinotracheitis virus

Japanese Encephalitis Virus, etc.

Commercial scale purifications of FMDV (Real results):

1. **Affinity Chromatography**:

Purification yield	≥ 80% (purification folds ≥ 50)
the viral load of filler	50-200 µg/ml filler
purity	> 3.0 %
costs	$1.50/1000 µg antigen
Filler re-usage	200 times
flow rate	200ml / hr. cm^2 (under normal condition).

2. **Precipitation (our proprietary technology)**:

Purification yield:	≥ 80% (purification folds ≥ 6)
purity	> 20.0 %
Costs:	$2.00/1000 µg antigen.

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Call or contact us, either for:

A) the technology licensing, or

B) buying ready to use prepared Affinity Chromatography matrixes.

We provide the specialty prepared Affinity Chromatography filling materials (purification fold up to 200) and all of the related technologies for customers who would like to improve their animal vaccine purification efficiency and immunization results while also cut costs (final purity can reach 30%).

Please contact: han@iproteina.com

Or Text to the cell phone at **+001-630-800-9187**

for further detailed information

ADVANCED TECHNOLOGIES FOR HEALTH ANIMALS!

Interface Protein Technology