

**Andali** - variant of the Mexican word "Andale" meaning "hurry up"; Filipino word meaning "easy"



### RT-LAMP Test Kit for PED

A nucleic acid amplification test based on the Reverse Transcription Loop-Mediated Isothermal Amplification (RT-LAMP).

### Andali PED RT-LAMP Test Kit

An alternative approach towards early implementation of control and preventive measures against PED because it is fast, easy, affordable, simple and sensitive.

#### Problem we are addressing



#### Porcine Epidemic Diarrhea

90 to 100% mortality in neonatal pigs

**Pork Supply REDUCED**

\$ COST



#### Our Vision

Andali PED LAMP Test Kit is the **first line of control by every swine farm** to PED outbreak.

#### BENEFITS

- **Easy to use** – built in less than a minute RNA extraction process.
- **Fast** – reaction takes only 30 minutes at 63 °C
- **Easy to read** – result is easy to interpret with the color change
- **Very sensitive** – detection limit is as low as 10<sup>-7</sup> ng/ul viral concentration in the feces
- **Detect PED virus prior to symptoms** for timely implementation of control or preventive measures.
- **Avoids unnecessary loss** from waiting before the test is conducted.

#### USAGE

1. Diagnosing
2. Monitoring and surveillance
3. Checking if the farm is PED-free
4. Adjunct to vaccine to check if the virus is still present in the environment
5. Research method to animal health researchers

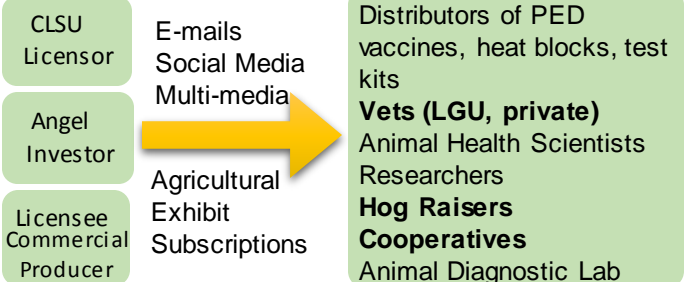
#### COMMERCIAL OPPORTUNITY

#### PROJECT COST FOR THE FIRST YEAR OF OPERATION = P 9,147,742.00

Payback Period	0.96
Discounted Payback Period	1.32
Net Present Value	21,123,524
Internal Rate of Return	80%
Benefit Cost Ratio	3.80
<b>YEAR 1</b>	
Production Volume (in units)	19,300
Add: Inventory Beg	-
Total Available for Sale	19,300
Less: Inventory End	100
Total Sales Volume	19,200
X Price/unit	2,500
Total Sales	P 48, 000,000
Accounts Receivable	P 4,000,000
Cash Sales	P 44,000,000

#### Our Plan

To introduce Andali Test Kit and get hold of a market share higher than 3% of the total swine population in Regions 3 & 4.



For more details don't hesitate to contact Doc. Clarissa Domingo

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