



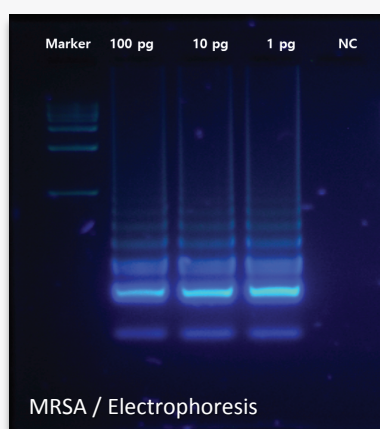
# MRSA / MRAB Detection Kit

*High Sensitivity & Specificity, Quick Detection*

- Presence of pathogens can be easily confirmed by naked-eye
- Highly specific and sensitive to target DNA sequence
- Isothermal amplification (LAMP) with great efficiency
- Kit components are provided in ready-to-use solutions
- Entire process will be done less than an hour
- Can quickly detect a trace of MRSA / MRAB in one-step process
- Clinical approval from KFDA will be done in 2020

## MRSA / MRAB Detection Kit

- Methicillin-Resistant *Staphylococcus Aureus* (MRSA) Detection Kit
- Multidrug-Resistant *Acinetobacter Baumannii* (MRAB) Detection Kit



## Electrophoretic Analysis of LAMP Products of MRSA / MRAB

Step	Temperature	Duration	Cycles
Anneal/Extend	63 °C	30 min	Hold
Enzyme inactivation	80 °C	5 min	Hold

### Loop-mediated isothermal amplification method (LAMP)

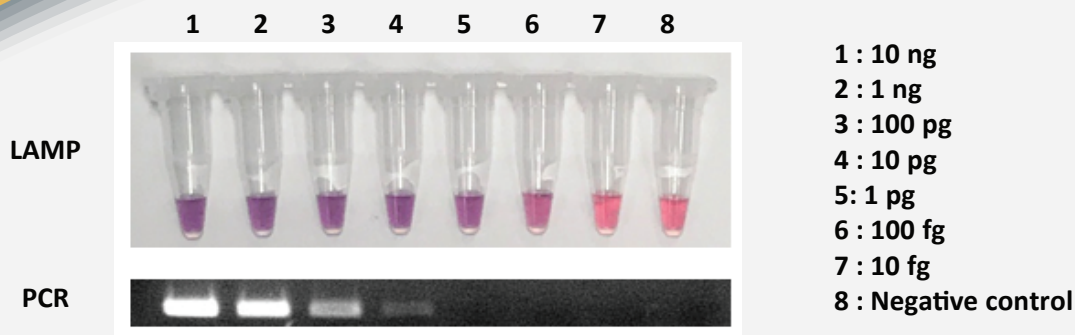
- LAMP is an effective technique for rapid detection of target DNA sequences and is increasingly utilized in biomedical field.
- LAMP method enable to rapidly amplify DNA under isothermal conditions with high amplification efficiency and sensitivity.



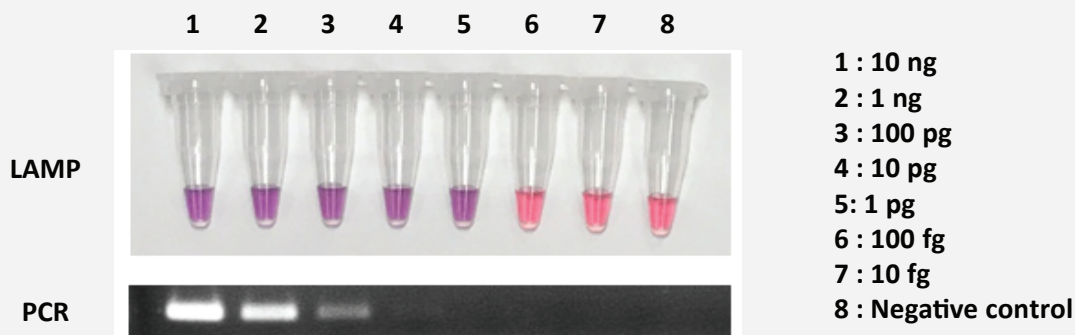
# MRSA / MRAB Detection Kit

*High Sensitivity & Specificity, Quick Detection*

## MRSA



## MRAB



### Comparative Sensitivity of LAMP Assay with PCR

**Detect with Naked Eye, without Optical Device**

**Custom Service:** BioActs provides custom antibody/protein fluorescence labeling services with a wide selection of reactive dyes and proper labeling technology.

For ordering custom service, complete custom labeling service request form and submit via email [order@bioacts.com](mailto:order@bioacts.com) or by fax to +82-32-818-8206

For questions, please contact us at [support@bioacts.com](mailto:support@bioacts.com)

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