



## Bid Notice Abstract

### Request for Quotation (RFQ)

**Reference Number** 9158162  
**Procuring Entity** PHILIPPINE RICE RESEARCH INSTITUTE  
**Title** Procurement of Various Molecular Biology Reagents (ALT22-04-0061T)  
**Area of Delivery** Nueva Ecija

<b>Solicitation Number:</b>	PR no. 2022-10-1859	<b>Status</b>	<b>Active</b>
<b>Trade Agreement:</b>	Implementing Rules and Regulations	<b>Associated Components</b>	1
<b>Procurement Mode:</b>	Negotiated Procurement - Small Value Procurement (Sec. 53.9)	<b>Bid Supplements</b>	0
<b>Classification:</b>	Goods	<b>Document Request List</b>	2
<b>Category:</b>	Laboratory Supplies and Equipment	<b>Date Published</b>	26/10/2022
<b>Approved Budget for the Contract:</b>	PHP 217,000.00	<b>Last Updated / Time</b>	26/10/2022 00:00 AM
<b>Delivery Period:</b>	30 Day/s	<b>Closing Date / Time</b>	02/11/2022 17:00 PM
<b>Client Agency:</b>			
<b>Contact Person:</b>	Clarivel Ordonia Seguritan Admin Officer IV Maligaya Science City of Muñoz Nueva Ecija Philippines 3119 63-44-4560650 63-44-4560650 coseguritan@philrice.gov.ph		

#### Description

2 bottle Molecular biology reagent, Penicillin- Streptomycin Solution  
 Penicillin-Streptomycin Mixed Solution (Penicillin:10000units/mL and Streptomycin:  
 10000 ug/mL in 0.85% NaCl),100 mL

1 bottle Molecular biology reagent, Guanidine hydrochloride  
 Guanidine hydrochloride, for molecular biology 99% 100 g

1 bottle Molecular biology reagent, Molecular Weight Marker  
 Prestained Molecular Weight Marker for Western Blot, 500 uL, 10-245 kDa

2 kit Master Mix, cDNA Master Mix cDNA Master Mix with gDNA remover;  
 Reagents for reverse transcription and for the removal of genomic DNA [DNase I treatment  
 are included].

-Reverse transcription qPCR RT Master Mix Kit must be supplied with genomic DNA remover,  
 4x DN Master Mix, nuclease free water, 5x RT Master Mix II and 5x RT Master Mix no RT control)

#### Technical Specifications:

- for 200 reactions or more
- for the synthesis of cDNA template, which will be used for real-time qPCR
- reverse transcription reaction can be completed in 15 minutes
- suitable for the detection of low abundance mRNAs

- reagents should be frozen when transported for delivery

1 kit Master Mix, qPCR Master Mix qPCR Master Mix Buffer (2x)

**Technical specifications:**

- Ready-to-use cocktail containing all components (except primers and template) for the amplification and detection of DNA in qPCR
- Must be supplied with ROX Reference Dye Low and High (50x)
- (1000 x 20 uL rxn); approximately 10 mL total volume or more;
- for real-time quantitative gene expression analysis, low copy gene detection, and quatification of next- generation sequencing
- can improve amplification of GC- and AT-rich targets/templates
- can activate enzyme components in 20 sec initial denaturation at 95 oC
- DNase and RNase free
- Compatible with most qPCR instruments with or without the use of ROX dye
- Reagents should be frozen liquid when transported for delivery Expiration should be 1 year upon delivery
- Ideally suited for gene expression analysis; gene knockdown validation; microarray validation; low copy gene detection

**Other Information**

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**Created by** Clarivel Ordonia Seguritan

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