



Republic of the Philippines  
**VISAYAS STATE UNIVERSITY**  
Visca, Baybay City, Leyte



## PURCHASE REQUEST

PPMP No. : **PPMP-2025-092524-0487**

PR No.: **GF-2024-11-03182**

Date: **11-19-2024**

Dept./Office: **DPM**

Category: **Laboratory  
Supplies**

Section/End-User: **Robelyn T. Piamonte**

Funding Source: **General Fund - MOOE**

Project Title/Code: **VSU-IP-2023-05**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	1 kb Plus DNA Ladder	btl	1	20,000.00		20,000.00
<b>Specification:</b> <ul style="list-style-type: none"><li>• Components: Sigma's 1 kb Ladder is provided in a solution of 10 mM Tris-HCl (pH 8.0), with 1.0 mM EDTA</li><li>• Specification: PRD.0.ZQ5.10000069150</li><li>• Storage temp.: -20°C</li><li>• For DNA electrophoresis</li></ul>						
2	DNA Ladder 100Bp	Vial	1	9,200.00		9,200.00
<b>Specification:</b> <p>DNA Ladder 100bp, for at least 50 lanes, with loading dye</p>						
3	DNA Taq polymerase, 500 U/tube/kit, with MgCl <sub>2</sub> and PCR buffer in the kit	kit	5	5,000.00		25,000.00
4	dNTP set, 100mM Solutions, 4x0.25 mL	boxes	2	12,000.00		24,000.00
<b>Specification:</b> <p><b>Contents:</b> 100mM each of dATP, dCTP, dGTP, and dTTP. Store at -30°C to -10°C.</p>						
5	Reverse transcriptase, 200000 units/ml concentration, 10000 units/tube/kit	kit	2	20,000.00		40,000.00
6	RNA Extraction kit, 50 reactions, for plant samples	kit	1	20,000.00		20,000.00
<b>Specification:</b> <p><b>RNA Extraction Kit (for Plant Samples)</b></p> <p><b>Specifications:</b></p> <ul style="list-style-type: none"><li>• Reactions: 50 reactions per kit</li><li>• Application: Designed specifically for RNA extraction from plant samples</li><li>•</li></ul>						

**Contents:**

- Lysis Buffer
- Binding Buffer
- Wash Buffers
- Elution Buffer
- RNase-free Water
- Spin Columns
- Collection Tubes
- RNase Inhibitor
- Protocol/Instructions Manual

**Features:**

- High yield and purity suitable for downstream applications such as RT-PCR, qPCR, and RNA sequencing
- Includes RNase inhibitors to prevent RNA degradation
- Ready-to-use kit simplifies the extraction process for consistent results






7	TRIzol Reagent	btl	1	44,198.00		44,198.00
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**Specification:**

- Molecular biology grade
- For DNA, RNA, and protein isolation
- Bottle of at least 200mL

	<b>TOTAL</b>					<b>182,398.00</b>
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Purpose: Sweet Potato Viruses Molecular Characterization

Checked by:  <b>GENESIS C. ALBARICO</b> TWG - Laboratory Supplies		Funds Available:  <b>ALICIA M. FLORES</b> 2025 HEAD, BUDGET OFFICE	
Signature:	Prepared by:  <b>ROBELYN T. PIAMONTE</b>	Noted by:  <b>ROBELYN T. PIAMONTE</b> <b>UNIT HEAD, PROJECT LEADER</b>	Approved by:  <b>PROSE IVY G. YEPES</b> PRESIDENT, VSU