

Scan Here



PO-2022-0429-30134



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

## PURCHASE REQUEST

PR No.: TF-2022-04-00506

Date: 04-29-2022

Category: **Laboratory  
Supplies**

Duration: **2022-03-01  
to  
2023-02-28**

Dept./Office: **CVM**Section/End-User: **Joel M. Israel**

Project Title/Code: **EVHRDC-  
20201050-10.6.24/ Prevalence & Nature of Antibiotic  
Residues in Pork and Poultry Meats**

Funding Source: **Trust Fund**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	<b>Antibiotic Discs</b>	tubes	35	400.00	SANTIAGO T. PEÑA JR.	14,000.00

### Specification:

Used for sensitivity testing of antibiotic residue

- 7 tubes per antibiotic group (50 discs/tube)

1. 7 tubes- Beta-lactams (Penicillin and Cephalosporins) - Penicillin G, Amoxicillin
2. 7 tubes- Sulfonamides - Sulfadiazine, Sulfanilamide and Sulfamidine, Trimethoprim-sulfamethoxazole
3. 7 tubes- Tetracyclines - oxytetracycline, tetracycline and doxycycline
4. 7 7 tubes- Quinolones - ciprofloxacin, enrofloxacin
5. 7 tubes- Macrolides - erythromycin, azithromycin, tilimicosin, tylosin

2	<b>Antibiotic Residue in Meat Test Kit- Set</b>	set	1	437,000.00	SANTIAGO T. PEÑA JR.	437,000.00
---	---	-----	---	------------	----------------------	------------

### Specification:

#### Antibiotic Residue in Meat Test Kit- Set

This antibiotic residue test kit (Explorer 2.0) is based on the growth inhibition of *Geobacillus stearothermophilus* bacterium. In a specific culture medium and under suitable conditions, the spores of this bacterium germinate and multiply, acidifying the medium, causing a color change in the culture medium from blue to yellow. If the food sample contains an antimicrobial concentration higher than the test detection limit, the bacterial growth is inhibited and therefore the color change of the medium will not occur.

#### TECHNICAL DATA:

- Scope: detection of more than 50 antibiotics from 8 groups
- Automatic assay: tube format with eReader
- Manual assay: one-step assay of about 3h at 65 °C after extraction
- Reading: visual or photometric (plate format)
- Format: tube and plate

**Includes the following:**

- Explorer 2.0 test kits (50 single test tubes) C/N ZE/EXT50- 14 kits
- Positive Control - 5 vials of Penicillin-G C/N ZE/PG5 - 1kit
- Negative Control - 5 vials of meat juice - C/N ZE/CN5 - 3 Kits

3	<b>Test Organisms for Sensitivity Testing</b>	tubes	4	650.00	SANTIAGO T. PEÑA JR.	2,600.00
---	---	-------	---	--------	----------------------	----------

**Specification:**

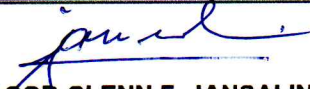
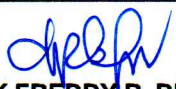




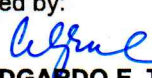
- pure culture of Bacillus subtilis, Bacillus cereus and Escherichia coli with identified strain/serotype
- for use as test organisms for sensitivity testing of antibiotic residue in meats

Qty: 1 tube per test organism

\*to be purchased from the UP Los Banos.

	<b>TOTAL</b>					<b>453,600.00</b>
--	--------------	--	--	--	--	-------------------

Purpose: EVHRDC Research on Antibiotic Residue in Meat

Checked by:  <b>JACOB GLENN F. JANSALIN</b> TWG - Laboratory Supplies		Funds Available:  <b>NICK FREDDY R. BELLO</b> HEAD, ACCOUNTING OFFICE 	
Signature: 	Requested by: 	Noted by: 	Approved by: 
Printed Name: <b>JOEL M. ISRAEL</b>		<b>SANTIAGO T. PEÑA JR.</b>	<b>EDGARDO E. TULIN</b>
Designation: <b>END USER</b>		<b>UNIT HEAD, PROJECT LEADER</b>	<b>PRESIDENT, VSU</b>