



## TENDER DOCUMENT

2024-2025

**DRUGS & MEDICINES (CONSUMABLE/  
REAGENTS/ /KITS/CHEMICALS)**

**National Veterinary Laboratory**

**Park Road, NARC Gate # 2, Chak Shahzad  
Islamabad.**

*Muhammad Noman*  
**Muhammad Noman**  
Administrative Officer  
National Veterinary Laboratories  
Ministry of National Food Security and Research  
Islamabad

**National Veterinary Laboratory**

**Park Road, NARC Gate # 2, Chak Shahzad**



Government of Pakistan  
Ministry of National Food Security & Research  
(National Veterinary Laboratory)  
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**Tender Document for the Purchase of Drugs and Medicines (Laboratory chemicals/reagents/kits etc) for National Veterinary Laboratory, Islamabad FY 2024-2025**

Bids with Single Stage One Envelope e-procurement Bidding Procedure [Technical and Financial bids in one envelope] shall be opened on **04<sup>th</sup> March, 2025 at 11:30 A.M** via EPAD in the Committee Room of the National Veterinary Laboratory, Islamabad.

Name of Firm/Contractor/Company:  
(Block Letter)

Address (Block Letter):

Telephone No:

Fax No:

E-mail:

Signature & Seal

Tender Fee of Rs. 1000/- (Non-Refundable) in cash vide Receipt

No:                      date:

Earnest Money of (Refundable) vide DD Order No:

Date:

**Date of Bid Submission:**

Tender document of NVL 2024-25

  
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**INVITATION TO BID**

**Subject: Tender Notice for the Purchase of Drugs and Medicines (Laboratory chemicals/reagents/kits etc) for National Veterinary Laboratory, Islamabad FY 2024-2025 via EPAD with Single Stage One Envelop Bidding Procedure**

The National Veterinary Laboratory (NVL) invites sealed bids/quotations/proposals on EPAD for the **purchase of items as mentioned in Annexure-I** from reputed firms/companies (Registered with FBR). The subject tender shall be processed in accordance with Public Procurement Rules 2004 [36-b (i x)] of PPRA.

**TERMS & CONDITIONS:**

1. The detailed specifications along with terms & conditions have been set forth in the Tender Document, which is available on EPAD and in the **National Veterinary Laboratory (NVL)**. The subject document shall be obtained on payment of Rs.1000/- Non-Refundable (Tender fee) in the form of cash in favor of DDO-NVL.
2. The tender documents are also uploaded on the Public Procurement Regulatory Authority PPRA website (<https://www.ppra.org.pk/>). In case of a tender document downloaded from the website, a cash payment of Rs.1000/- must be submitted to DDO-NVL. Tender fee (receipt) will be attached to the bid. *No bid shall be accepted* without a tender fee.
3. The Bid Security (Rs. 100000/- **refundable**) shall be submitted in the form of a **Demand Draft (DD)** in favor of DDO/Account Officer-NVL.
4. The bidding documents completed in all respects should be uploaded on EPAD and hard copy reach the **Chairman Procurement Committee, National Veterinary Laboratory (NVL)** by 04<sup>th</sup> March, 2025 at 11:00 A.M. Bids will be opened via EPAD on the same date at 11:30 A.M in the Meeting Room NVL.
5. The procuring agency (NVL) reserves the right to accept or reject any or all bids. Errors and omissions, if any, shall be subject to rectification by the NVL.

**Chairman Procurement Committee**  
**National Veterinary Laboratory**  
Park Road, NARC Gate # 2, Chak Shahzad, Islamabad  
Office Ph # 051-9255104 / 051-9255108  
E-mail: tanveernv108@gmail.com

  
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Government of Pakistan  
Ministry of National Food Security & Research  
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Tender for the Purchase of Drugs and Medicines (Laboratory chemicals/reagents/kits etc) for National Veterinary Laboratory, Islamabad FY 2024-2025 via EPAD with Single Stage One Envelop Bidding Procedure

Bidding Procedure	E-procurement process (EPAD), Open Competitive Bidding (Single Stage One Envelop) as per Public Procurement Rules-2004 [36-a] of PPRA
Tender Fee	Rs.1000/- in the form of cash to DDO/Account Officer, The National Veterinary Laboratory (NVL). In case the Tender Document is downloaded from the PPRA website ( <a href="https://www.ppra.org.pk/">https://www.ppra.org.pk/</a> ) and/or EPAD the tender fee should be submitted in the form of cash of Rs. 1000/- to DDO/Account Officer (Receipt to be attached with bid). <b>No bid will be accepted without a tender document fee.</b>
Earnest Money	Bid Security (Rs. 100000/- refundable) shall be submitted in the form of a Call Deposit Receipt in favor of DDO, National Veterinary Laboratory (NVL).
Submission	Bids having both technical and financial in one envelope shall be submitted on EPAD by 04 <sup>th</sup> March, 2025 at 11:00 A.M and hard copy to NVL.
Opening	Bids shall be opened on 04 <sup>th</sup> March, 2025 at 11:30 A.M via EPAD in National Veterinary Laboratory (NVL).

Note: Tender notice is also available on PPRA's website ([www.ppra.org.pk](http://www.ppra.org.pk)).

  
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Tender document of NVL 2024-25

04



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**BASIC ELIGIBILITY CRITERIA**

Bidders/Firms/Companies must fulfill the following basic eligibility criteria (Required Documents) as mentioned in following Table.

**Basic Eligibility Criteria for E-Procurement (EPAD): Single Stage One Envelope**

Sr. No.	Description Remarks	Remarks
1.	Valid Company Firm Registration Certificate (under the laws of Pakistan)	Mandatory
2.	Valid and active National Tax Number (NTN) status on the date of proposal submission.	Mandatory
3.	Valid and active STRN status on the date of proposal submission.	Mandatory
4.	Submission of undertaking on legally valid and attested stamp paper (Rs. 100) mentioning 1. The firm is not blacklisted by any Provincial or Federal Government Department, Agency, Organization or autonomous body, or Private Sector Organization anywhere in Pakistan. 2. All documents attached to this bidding documents are genuine and if found forged or fake, the bidder/firm/company shall be liable to disqualification and subsequent forfeiture of bid security.	Mandatory
5.	Bank Statement of last six months verified by relevant Bank	Mandatory
6.	Timeline for delivery of goods after issuance of Purchase Order 1. Maximum 02 months	Mandatory
7.	Submission of bid security (Rs. 100000/- refundable) in the form of DD in the name of DDO, NVL.	Mandatory
8.	Technical specification along with quoted prices in Pakistan Rupees <b>(inclusive of all kinds of applicable taxes /duties/delivery charges).</b>	Mandatory
9.	List of relevant Clients <b>(at least five with relevant five supply orders)</b> in last two years	Mandatory
10.	Distribution /sub-distribution certificate for quoted items	Mandatory
11.	Technical specification sheet/brochure/certificate of analysis of quoted items	Mandatory

**Note:**

- 1) The bids documents mentioned in the Basic Eligibility Criteria must be uploaded on EPAD in the same pattern.
- 2) Bids of only eligible firms shall be considered for consideration. The technical evaluation of each quoted item will be carried out from qualified bidders. Technical specification documents on EPAD will be considered only.

25



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## GENERAL INSTRUCTIONS TO BIDDERS (GITB)

Bidders/firms should read these conditions carefully and comply strictly while sending their bids. If the bidder finds any discrepancy, error, or omission in the tender documents he may intimate it to the **Chairman Procurement Committee, NVL**, in writing before the closing date for the Tender.

The Procurement Committee of NVL reserves the right to accept or reject any or all quotations/tenders/bids without giving any reason.

### 1. Introduction

- 1.1. **Name and Address of Procuring Agency (PA):** National Veterinary Laboratory (NVL)  
Park Road, NARC Gate # 2, Chak Shahzad, Islamabad.
- 1.2. **Eligible Bidders:** As mentioned in the above table and Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by the Government of Pakistan.
- 1.3. **Cost of Bidding:** The bidder shall bear all costs associated with the preparation and submission of its bid, and the procuring agency will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

### 2. Clarification of Bidding Documents:

A prospective bidder requiring any clarification of the bidding documents may notify the PA on EPAD and in writing on at its address/email. The PA will respond in writing to any request for clarification of the bidding documents as per PPRA rules prior to the deadline for the submission of bids prescribed in the TENDER NOTICE.

### 3. Preparation of Bids and Bidding Procedure

- 3.1. The bid prepared by the bidder, as well as all correspondences and documents relating to the bidding exchanged by the bidder and the PA shall be written in the English language.
- 3.2. The tender fee in the form of a demand draft or pay order and bidding proposal (both technical and financial) including technical and financial specifications of all quoted items, bid security in the form of DD, and stamp paper sealed in the same envelope and scan copy must be reproduce on EPAD bid submission.

**Bidding Procedure: E-Procurement (EPAD) Single Stage One Envelop Bidding Procedure** shall be followed.

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#### 4. General Instructions to Bidders (GIB)

- 4.1 All bids should submit on EPAD and hard copy reach the PA within the due date and time as specified in the advertisement.
- 4.2. Bids with properly marked and signed must be uploaded on EPAD and be legible. The same in hard form must be provided. No cutting/ hand-made correction in the bid.
- 4.3. Quoted Rates in Pk Rs. shall be written both in words and figures including all taxes.
- 4.4. No alternate prices be allowed.
- 4.5. The bidder shall mention the validity of the offer, terms of payment, guarantee/ warranty period, and schedule of delivery.
- 4.6. The evaluation will be based on the comparison of technical specification and expiry. National Veterinary Laboratory (NVL) reserves the right to choose the technical specification at its own discretion.
- 4.7. Bidder, interested in bidding for one or more items separately, is allowed to do so. However, the National Veterinary Laboratory (NVL) reserves the right to award the tender for accepting the bid for each item or bid of the whole items and can also change the quantity or specification of the purchases.
- 4.8. Supply order/ contract will be issued on EPAD subject to the availability of funds.
- 4.9. The contractor shall notify forth in written form to The National Veterinary Laboratory (NVL) of any change in the constitution of the firm, etc. and such change shall not relieve any former member of the firm, etc., from any liability under the contract.
- 4.10. The National Veterinary Laboratory (NVL) reserves the right to accept any tender not necessarily the lowest, reject any tender without assigning any reasons, and accept tender for all or any one or more of the articles for which the bidder has been given or distribute items of stores to more than one firm/ supplier according to PPRR rules and standard bidding documents.
- 4.11. The bidder, in respect of the contract, shall accept no new partner/ partners in the firm.
- 4.12. The successful bidder/contractor shall not assign or sub-let his contract or any substantial part thereof to any other agency.
- 4.13. The National Veterinary Laboratory (NVL) shall not be responsible for any loss, or shortage of documents and shall have the right to dispose of such bid as it thinks fit.

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67

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## 5. BID Price and Validity

- 5.1. The Bidder shall indicate the price of his offer, a list of items with specifications, the unit price, and the total bid prices of the items in Pakistan Rupees (PKR).
- 5.2. All kinds of taxes must be included in the quoted prices.
- 5.3. Sales Tax and Income Tax will be deducted at source from the supplier's bill as per government rules. GST will be refunded subject to the provision of a Sale Tax invoice.
- 5.4. The Bid will remain valid and open for acceptance for a period of 120 days from the specified date of opening or closing of the financial year on the case.

## 6. Bid Security

- 6.1. The bid must be accompanied by a bid security in favor of "DDO National Veterinary Laboratory (NVL)" (refundable).
- 6.2. The bid security shall be denominated in Pakistani rupees and shall be in the form of a DD receipt issued by a Pakistani bank or branch of a foreign bank, operating in Pakistan.
- 6.3. Unsuccessful bidders' bid security will be discharged or returned as promptly as possible.
- 6.4. The successful Bidder's bid security will be discharged at least after six month upon the Bidder's successful completion of supply of Goods and bill duly acceptable to the PA.
- 6.5. The bid security may be forfeited in the following cases:
  - 6.5.1. When the bidder withdraws or modifies the offer, after the opening of tender but before acceptance of tender.
  - 6.5.2. When the bidder does not execute the agreement if any, prescribed within the specified time.
  - 6.5.3. When the bidder submits fake or **forged documents, company authorization** or misinterpretation of facts or other acts comes under the category of fraudulent practices defined in Clause-14 sub-clause 14.2 of PPRA rules.


## 7. Submission of Bids

### 7.1. Bids on EPAD:

The Bid including scan copy of DD and Stamp paper and others required documents shall be properly seal with stamp on each page and uploaded on EPAD. The same bid in hard form must be submitted in due date and time.

7.2. The NVL may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents, in which case all rights and obligations of the NVL and bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

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## 8. Opening, Clarification, and Evaluation of Bids

8.1 The NVI will open all bids via EPAD in the presence of bidders' representatives who choose to attend, at the time, on the date, and at the place specified in the Bid. The bidders' representatives who are present shall sign a register/attendance sheet evidencing their attendance.

8.2 The elevation of bid will be done according to documents uploaded on EPAD.

8.3 Bids of only eligible firms shall be considered for consideration. The technical evaluation of each quoted item will be carried out from qualified bidders. Technical specification documents on EPAD will be considered only.

8.4 During the evaluation of the bids, the NVI may, at its discretion, ask the Bidder for a clarification of its bid.

8.5 The PA will evaluate and compare the bids which have been determined to be substantially responsive.

8.6 The Bid evaluation report as per PPRA rules will be uploaded on EPAD.

## 9. Award of Contract

9.1 From the technical and financial evaluation criteria, the Procurement Committee of NVI will determine to its satisfaction the most advantageous Bidder against each quoted items separately.

9.2 The determination will take into account the Bidder's compliance with the qualification criteria defined in the bidding document.

9.3 The NVI will award the contract to the most advantageous Bidder whose bid has been determined to be substantially responsive and has been determined according to the evaluation criteria via EPAD.

9.4 NVI's Right to Increase or Decrease Quantities of the items at the time of Award, without any change in unit price or other terms and conditions.

9.5 At the same time as the Procurement Committee of NVI notifies the most advantageous Bidder that its bid has been accepted, the NVI will send the Letter of Intent and after that Contract form/supply to the advantageous Bidder incorporating all agreements between the parties.

9.6 While processing payment of the successful vendor, 10% of the total bid price of the purchase order shall be kept as a performance guarantee by the NVI for one year.

9.8 Upon successful completion of the warranty period, the performance guarantee shall be refunded back to the vendor.

## 10. Mode of Payment

10.1 Payment shall be made in the form of a cross cheque from AGPR in accordance with the stated specifications.

09

*Tender document of NVI, 2024-25*

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10.2. No advance payment will be made. Payments will be made subject to the clearance of account and audit cells.

  
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I. BID FORM/ COVER LETTER

Date: \_\_\_\_\_

No: \_\_\_\_\_

To,

Chairman Procurement Committee  
National Veterinary Laboratory (NVL) Islamabad

Subject: Submission of Tender Documents in Response to Tender Advertisement.

Dear Sir,

1. Having examined the bidding documents, the receipt of which is hereby duly acknowledged, the undersigned, offers to supply and deliver the goods in conformity with the said bidding documents.
2. I/We undertake, if my/our Bid is accepted to deliver the goods in accordance with the delivery schedule as specified in this tender document.
3. If my/our Bid is accepted, I/we hereby agree that our Bid Security is being provided herewith.
4. I/We also agree to abide by this Bid for a period of 120 days from the date fixed for Bid opening, and it shall remain binding upon me/us and may be accepted at any time before the expiration of that period.
5. Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

Dated this \_\_\_\_\_ Day/month/year

\_\_\_\_\_  
[Signature]

\_\_\_\_\_  
[In the capacity of]

Duly authorized to sign Bid for and on behalf of \_\_\_\_\_

  
Muhammad Noman  
Administrative Officer  
National Veterinary Laboratories  
Ministry of Food Security and Research  
Islamabad




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Ministry of National Food Security & Research  
**(National Veterinary Laboratory)**

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II. BID PROPOSAL (TECHNICAL AND FINANCIAL) FORM

(Filled this Performa for items as mentioned in Annexure -I)

Sr. No.	Name of Item	Client Specification	Qty.	Vendors' Specification	Brand/Name	Make/Origin	Unit Price (with GST)	Total Cost (with GST)

  
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III. UNDERTAKING


I have read the terms and conditions thoroughly regarding "Tender dated \_\_\_\_\_, I hereby undertake to abide by these terms & conditions in letter and spirit. In case of false, fake information or documents, I shall be liable to disqualification and subsequently, my DD be forfeited by the Procuring Entity.

Signature:

Name of Authorize Person:

Company/Firm Name:

Seal

  
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13



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**IV. FORM OF CONTRACT AGREEMENT**

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") was made on the dated \_\_\_\_\_ between **National Veterinary Laboratory (NVL) Islamabad** (hereafter called the "Employer") of the one part and \_\_\_\_\_ (hereafter called the "Contractor") of the other part.

Whereas the Employer is desirous that certain procurement, viz \_\_\_\_\_ should be executed by the Contractor and has accepted a Tender by the Contractor for the execution and completion of such procurement and the remedying of any defects therein.

NOW this Agreement witnessed as follows:

1. The following documents after incorporating addenda, if any except those parts relating to Instructions to Tender shall be deemed to form and be read and construed as part of this Agreement, viz:

- a) The Letter of Acceptance
- b) Delivery Schedules
- c) Specifications
- d) Tendering Data

2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the procurement process of different items and remedy defects therein in conformity and in all respects within the provisions of the Contract.

3. The Employer hereby covenants to pay the Contractor, in consideration of the execution and completion of the procurement process of items as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS WHEREOF the parties hereto have caused this Agreement to be executed the day and year first before written in accordance with their respective laws.

The Common Seal of \_\_\_\_\_ was hereunto affixed in the presence of: or \_\_\_\_\_

Signed, Sealed, and Delivered by the said \_\_\_\_\_ in the presence of: \_\_\_\_\_

Binding Signature of Employer

Binding Signature of Contractor

  
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**List for purchase of Laboratory consumables/reagents/kits/chemicals and others for National Veterinary Laboratory (NVL) for the FY 2024-25.**

*Bidder must attached the technical specification sheet/brochure of quoted item(s), otherwise will be technically not qualified*

Sr No	Name Of Items	Specification	Packing	Qty. Required
1.	Giemsa stain (Merck)	Methylene Blue: Approximately 0.1-0.2% w/v Eosin: Approx 0.1-0.2% w/v Azure B: 0.05-0.1% w/v Deep blue or purple in color. The liquid should be clear, highly soluble in water, alcohol, and phosphate buffer solutions, pH between 6.8 and 7.2. Staining blood smears to identify blood cells and parasites in blood film, tissue or cytological examination, shelf life of 1 to 2 years.	500ml/pack	02 Packs
2.	Wright stain (Merck)	Methylene Blue: 0.3% - 0.5% w/v; Eosin Y: 0.5% - 1.0% w/v, Azure B: 0.1% - 0.2% w/v, Dark blue to purple in appearance, pH 6.4 to 6.8, and Staining blood smears to identify blood cells and parasites in blood film, tissue or cytological examination, a shelf life of 1 to 2 years.	500ml/pack	04 Packs
3.	API-20 Staph with reagents	Identification System for Staphylococcus Aureus 25 strips, 25 incubation boxes, 25 result sheets 1-clip seal, each strip having 20 micro tubes tests with dry reagents i.e enzymes, sugars, and other metabolic activities typical of staphylococcal species. Reagents included in the API 20 Staph system are NIT 1   NIT 2, ZYM A   ZYM B, VP1   VP2 5ml each reagent (Biomerix or equivalent)	01 kit	01 kit
4.	Sabraud Dextrose Agar Liofilchem, Oxide	Sabouraud Dextrose Agar dehydrated powdered microbiology culture media 500g pH 5.6 ± 0.2 at 25°C, Mycological peptone 10.0, Glucose 40.0, Agar 15.0, Microbiology grade Oxoid. The Agar is typically off-white to light beige, clear to slightly cloudy solid gel upon preparation, agar should be firm and solid at room temperature.	500 g or ml/pack	1 pack

*As*  
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*AS*  
**Dr. Zafar Iqbal Tanveer**  
 Senior Scientific Officer  
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15

5.	Disposable plastic Syringes 5ml	Disposable Plastic Syring non Toxic, non-Pyrogenic, Medical grade	5ml, 100/box	04 Boxes
6.	Cefotaxime + Clavulanic acid Disc Oxide	Cefotaxime + Clavulanic acid 40ug (30ug/10ug) 50 disc/ Cartridge used for Antibiotic sensitivity tests by Disc diffusion method	02 Boxes containing 05 cartridge each	02 Boxes containing 05 cartridge each
7.	Ceftizidime + Clavulanic acid Disc Oxide	Ceftizidime + Clavulanic acid 40ug (30ug/10ug) 50 disc/ Cartridge used for Antibiotic sensitivity tests by Disc diffusion method	02 Boxes containing 05 cartridge each	02 Boxes containing 05 cartridge each
8.	Enrofloxacin 15ug Disc Oxide	Enrofloxacin 15ug 50 disc/ Cartridge used for Antibiotic sensitivity tests by Disc diffusion method	02 Boxes containing 05 cartridge each	02 Boxes containing 05 cartridge each
9.	Tylosin + Gentamicin combination Disc Oxide	Tylosin + Gentamicin 30ug 50 disc/ Cartridge used for Antibiotic sensitivity tests by Disc diffusion method	02 Boxes containing 05 cartridge each	02 Boxes containing 05 cartridge each
10.	Citramide Agar Liofilechem, Oxide	Citramide Agar Peptone 20.0, Magnesium Chloride 1.40, Potassium Sulphate 10.0, Cetrinide 0.30 Agar 13.60 Microbiology grade yellow to greenish in color, solid agar medium, packing Liofilechem, Oxide or Equivalent.	500g /pack	1 pack
11.	Muller Hinton Broth	Muller Hinton Broth Meat Extract 2.0, Sodium Chloride (NaCl) - 5.0 g, pH (at 25°C) - 7.3 ± 0.1, Casein Hydrolysate 5gm, Starch 1.5 500gm packing Liofilechem, Oxide or Equivalent	01 pack	01 pack
12.	Dimethyl sulfoxide	Dimethyl sulfoxide (CH <sub>3</sub> ) <sub>2</sub> SO, MW 78.13 g/mol, Laboratory grade (Sigma or Equivalent)	100 ml/pack	1 pack
13.	HPLC sample vial	HPLC sample vials, High-quality, glass, 1.5 ml volume, Standard cap size and compatible, screw caps with Septa (e.g., PTFE/silicone) for easy needle penetration.	100/pack	2 pack
14.	Thin-layer chromatography sheet	TLC Silica gel 60 F254, aluminium sheet, 20X20 cm for analytical Chromatography, Merck or equivalent	25/Pack	2 pack
15.	Sulfuric acid	Analytical Reagent (AR) grade, typically purity of 97% (or higher), containers is amber glass, labeled with grade, purity, lot number, and expiration date.	1L or 2.5 L /pack	5L

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16.	Hydrochloric acid	Should be stable under normal storage conditions. Certificate of analysis must be provided. Analytical Reagent (AR) grade, typically purity of 37% (or higher), containers is amber glass, labeled with grade, purity, lot number, and expiration date, Should be stable under normal storage conditions. Certificate of analysis must be provided.	1l. or 2.5 l./pack	5l.
17.	n-hexane	n-hexane, Analytical Reagent (AR) grade, purity of >90%, Containers is amber glass, stable under normal storage conditions. Certificate of analysis must be provided.	2.5l./pack	10l.
18.	Chloroform	Analytical Reagent (AR) grade, purity >99%, Containers is amber glass, stable under normal storage conditions. Certificate of analysis must be provided.	2.5l./pack	5l.
19.	AAS Multi-Element Standard	(Multi Elements: Cd (cadmium); Cr (chromium); Fe (iron); Mn (Manganese); Co (cobalt); Cu (Copper); Ni (Nickel); Al (Aluminium); Pb (lead); Se (Selenium), Ca (calcium); Mg (magnesium); K (potassium); Zn (zinc): 1000 or 100 µg/mL (1000 or 100 ppm) in 2% Nitric Acid	100 ml, 500 mL/pack	One pack
20.	Water for HPLC	HPLC grade, ultra-pure, >99.99%, resistivity >18.2 MΩ-cm, (Total Organic Carbon): <5 ppb, pH: 5.0-7.0, UV Absorbance (λ 210 nm): <0.1 AU, leak-proof HDPE/glass bottles, Shelf Life: ≥12 months	2.5l., 4l. pack	20 l.
21.	FMDV Antibody detection kit	FMDV Serotype A, Structural Protein antibody, ID Vet. France or equivalent	kit	02 kit
22.	FMDV Antibody detection kit	FMDV Serotype O, Structural Protein antibody, ID Vet, France or equivalent	kit	02 kit
23.	FMDV Antibody detection kit	FMDV Serotype Asia-1, Structural Protein antibody, ID Vet, France or equivalent.	kit	02 kit
24.	FMDV Antibody detection kit	FMDV 3-ABC trapping, ID Vet, France or equivalent	kit	1 kit
25.	FMDV Antigen detection kit	FMDV antigen detection/Serotyping for serotype O, A, Asia-1, SAT I, SAT II, Izser, Italy	kit	1 kit


(17)

  
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26.	Brucellosis Antibody Detection Kit	Indirect ELISA for the detection of antibodies against Brucella abortus, melitensis or suis in bovine, ovine, caprine and porcine serum and plasma. ID Vet France or equivalent	kit	02 kit
27.	Brush for glassware washing	Chemically resistant bristles (Nylon or equivalent), stainless steel/plastic-coated handle. Non-abrasive, ergonomic handle, suitable for lab glassware. Heat and chemical resistant, durable for repeated use.	10 No/pack	2 Packs
28.	Graduated Falcon tubes	Volume capacity: 15ml, Blue dome seal screw caps polypropylene, conical bottom, graduations 1.5 - 14.5 mL, Corning or equivalent	500 pcs/Pack	4 pkt
29.	Graduated Falcon tubes	Volume capacity: 50ml, Blue dome seal screw caps polypropylene, conical bottom, graduations 1.5 - 49.5 mL, Corning or equivalent	500 pcs/pkt	5 pkt
30.	5 ml, Disposable pipette tip	High-quality, polypropylene (PP), autoclavable, 5 ml, universal fit for compatible pipettes, non-sterile	100/pack	5 pack

  
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