National Medical Supplies Fund

Rapid and Elisa Kits Specifications

No.	Item Code	Item Description	UOM
1	1191037	HBs Ag ELISA : The solid phase of the test kit should be standard micro plate (90 wells) ELISA coated with monoclonal antibodies.The assay should be at least fourth generation ELISA approved by accredited centers by WHO.The assay should be able to detect HBs Ag of all sub-types. The assay should include reactive and non-reactive controls with each kit. All reagents and accessories necessary to perform the test should also be included.The kit should have a shelf life of minimal 12 months (at ambient temperature) at the port of discharge of consignee's end whichever is applicable.Adequate literature provided with each kit.`Methodologies, Validity criteria, Performance characteristics, Storage conditions, Manufacturing date, Expiry dates, should be provided with each kit. The kit procured should have an approval of the National Health Laboratory (a copy of the Certificate).The assay should have at least:Sensitivity of 99.8% (detects less than 0.1 mg/ml of both ad and ay subtypes of HBs AG) Specificity of 99.8%. The kit size should be 96 wells and be strip plate format.	Kit
2	1191020	HCV ELISA test kits: The solid phase of the test kit should be standard micro plate (96 wells) ELISA coated with recombinant/synthetic peptide antigens for core, NS3, NS4, and NS5. The assay should be at least fourth generation ELISA, approved by accredited centers by WHO.The assay should be able to detect HICV Ab of al geno-types.The assay should include reactive and non-reactive controls with each kit. All reagents and accessories necessary to perform the test should also be included.The kit should have a shelf life of minimal 12 months (at ambient temperature) at the port of discharge of consignee's end whichever is applicable. Adequate literature provided with each kit Methodologies, Validity criteria, Performance characteristics, Storage conditions, Manufacturing date, Expiry date should be provided with each kit. The kit procured should have an approval of the National Health Laboratory (A copy of the Certificate).The assay should have at least:Sensitivity of 99.8%.Specificity of 99.8%.The kit size should be 96 wells and be strip plate format.	Kit

No.	Item Code	Item Description	UOM
3	1191019	HIV ELISA KITS: The solid phase of the test kit should be standard micro plate ELISA coated with HIV I, II, including subgroup (O) recombinant and /or synthetic peptide antigens. The assay should detect HIV-1 (all subtypes) and II antibodies and P24 Antigen.The assay should be able to detect antibodies to HIV I/II during early sero-conversion period. Evidence based sero-conversion data should be from WHO accredited.The assay should include reactive and non-reactive controls with each kit. All reagents and accessories necessary to perform the test should also be included.The kit should have a shelf life of minimal 12 months (at ambient temperature) at the port of discharge of consignee's end whichever is applicable.Adequate literature provided with each kit: Methodologies, Validity criteria, Performance characteristics, storage conditions.Manufacturing Date, Expiry dates. Should be provided with each kit.The kit procured should have an approval of the National Health Laboratory (A copy of the Certificate).The kit procured should have an approval of the National Health Laboratory (A copy of the Certificate).The assay should have at least a sensitivity of 99.8%, specificity of 99% (Ag + ab) (Forth Generation).	Kit
4	1191022	Syphilis ELISA Test kits : The solid phase of the test kit should be standard micro plate (96 wells) ELISA coated with Treeponema palladium extract antigen.The test should be able to detect total.Human antibodies to treonema palladium. The assay should include reactive and non-reactive controls with each kit. All reagents and accessories necessary to perform the test should also be included.The kit should have a shelf life of minimal 12 months (at ambient temperature) at the port of discharge of consignee's end whichever is applicable. Adequate literature provided with each kit: Methodologies, Validity criteria, Performance characteristics, Storage conditions, Manufacturing date, Expiry dates should be provided with each kit. The kit procured should have an approval of the National Health Laboratory (A copy of the Certificate) should be provided with each. The kit procured should have an approval of the National Health Laboratory (A copy of the Certificate). The assay should have at least:Sensitivity of 99.8%.Specificity of 99.8%.The kit size should be 96 wells and the strip plate format.	Kit

No.	Item Code	Item Description	UOM
5	1191025	HBs AG Simple/Rapid test Kits: The solid phase of the test kit should be coated with monoclonal antibodies (Anti-HBs).The assay should be able to detect HBs AG to all sub-types.The assay should include reactive and non-reactive controls with each kit. All reagents and accessories necessary to perform the test should also be included. The kit should have a shelf life of minimal 12 months at the port of discharge of consignee's end whichever is applicable. Adequate literature provided with each kit: Methodologies, Validity criteria, Performance chrematistics, Storage conditions, Manufacturing date, Expiry dates should be provided with each kit. The kit procured should have an approval of the National Health Laboratory (A copy of the Certificate). The assay should have at least a sensitivity of 99.8% (detects less than 1 mg/ml).Specificity of 99%.The total procedure time should not be more than 30 minutes.The kit should enable performing a single test at a time.The packing size should not be more than 50 test per kit.	Test
6	1191024	HCV Simple/Rapid test Kits : The solid phase of the test kit should be coated with monoclonal/synthetic peptide antigens for core, NS3, NS4, and NS5.The assay should be able to detect HCV to all geo-types.The assay should include reactive and non-reactive controls with each kit. All reagents and accessories necessary to perform the test should also be included. The kit should have a shelf life of minimal 12 months at the port of discharge of consignee's end whichever is applicable. Adequate literature provided with each kit.Methodologies, Validity criteria, Performance characteristics, Storage conditions, Manufacturing date, Expiry dates should be provided with each kit. The kit procured should have an approval of the National Health Laboratory (A copy of the Certificate).The total procedure time should not be more than 30 minutes..The kit should enable performing a single test at a time.The packing size should not be more than 50 tests per kit.	Test

No.	Item Code	Item Description	UOM
7	1191023	HIV Simple/Rapid test Kits: The solid phase of the test kit should be coated with synthetic/recombinant HIV I, HIV II including HIV I subtype (O)The assay should be able to detect HIV I & HIV II antibodies by immune-enzymatic/agglutination/any other acceptable principle.The product should be able to detect antibodies of HIV I & HIV II during early sero-conversion period.The product should include reactive and non-reactive controls and all reagents and accessories necessary to perform the test.The kit should have a helf life of minimal 12 months at the port of discharge of consignee's end whichever is applicable.The kit procured should have an approval of the National Health Laboratory (A copy of the Certificate).The assay should have at least a sensitivity of 99.8%.Specificity of 99% .Adequate literature provided with each kit: Methodologies, Validity criteria, Performance characteristics, Storage conditions, Manufacturing date, Expiry dates should be provided with each kit.The total procedure time should not be more than 30 minutes.The kit should enable performing a single test at a time.The packing size should not be more than 50 test per kit.	Test
8	1191026	Syphilis Rapid test , The solid phase of the test kit should be a serological chromatographic or agglutination test using recombinant antigen. The assay should include reactive and non-reactive controls with each kit. All reagents and accessories necessary to perform the test should be included. The kit should have a shelf life of minimal 12 months at the port of discharge of consignee's end which ever is applicable Adequate literature provided with each kit : Methodologies Validity criteria Performance characteristic Storage conditions Manufacturing date Expiry date Should be provided with each kit The kit procured should have an approval of the National Health Laboratory (A copy of the certificate) The assay should have at least a sensitivity of 99.8 % Specificity of 99.8 % The total procedure time should not be more than 30 minutes. The kit should enable performing a single test at time. The packaging size should not be more than 50 test per kit.	Test