**S1 Appendix : Detailed biological methods used for pathogens diagnostics, COSEMIL survey**

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| Biological test | Technique used |
| HIV serology | ELISA serology combining Ac-antiHIV1/2 and AgP24 detection: HIV Combi Elecsys, Cobas, Roche |
| HBV serology | Anti-HBc Elecsys, AntiHBs Elecsys, AgHBs Elecsys |
| HCV serology | Anti-HCV Elecsys |
| Syphilis serology | Cobas TPLA Elecsys, Roche and VDRL Check, Alldiag |
| *Chlamydia trachomatis* PCR | Combined nucleic acid amplification test with real-time PCR method:  Dx CT/NG/MG assay with Dx real-Time System, Biorad, Marnes-la-Coquette, France |
| *Neisseria gonorrhea* PCR |
| *Mycoplasma genitalium* PCR |