Supplementary Table 1: the 4th generation serology platforms used for HIV testing in the 2017 antenatal survey

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| **Province** | **HIV Screening Test** | **HIV Confirmatory Test** |
| Eastern Cape | Abbott Architect HIV Ag/Ab I1000sr | COBAS 6000 c module |
| Limpopo/ North west | Cobas HIV Combi PT ( E 601 Roche) | Architec HIV Ag/Ab combo (Architect Abbott) |
| Western and Northern Cape | Roche Cobas 6000 e601 HIV Combi PT Elecsys (Ag/Ab) | Abbott Architect HIV Ag/Ab Combo kit |
| Mpumalanga | HIV Combi PT 4th generation - Roche Cobas 6000 |  CHIV Siemens Centaur 4th generation |
| Free State | Roche Cobas 6000 e 601 | Minividas HIV quick DUO |
| KZN | Abbott Architect HIV Antigen/Antibody Combo | Roche HIV Combi PT |
|   | Abbott Architect I1000SR HIV Ag/Ab combo  | Diasorin Murex Ag/Ab Combination EIA |