

SUPPLEMENTARY FILE

S1 Table: Characteristics of the studies included in the structured review

Country	Year	Author	Population	Setting	n	Collector	<i>Chlamydia trachomatis</i>		<i>Neisseria gonorrhoeae</i>	
							Collection	Test	Collection	Test
Angola	2013	Guimarães, H	HIV clinic	Urban	246	Self	Urine	PCR	Urine	Culture + PCR
Benin*	2005	Pépin, J	FSW	Urban	444	HCW	Endocervix	PCR	Endocervix	PCR
Benin	2006	Alary, M	FSW	Urban	1084	HCW	Endocervix	PCR	Endocervix	PCR
Benin	2007	Ahoyo AB	FSW	Urban	723	Self	Vagina	PCR	Vagina	PCR
Benin	2009	Ahoyo, AB	FSW	Urban	620	Self	Vagina	PCR	Vagina	PCR
Benin	2013	Béhanzin, L	FSW	Urban	613	HCW	Endocervix	SDA	Endocervix	SDA
Botswana	2005	Paz-Bailey, G	FP	Urban	700	Self	Urine	LCR	Urine	LCR
Botswana	2007	Romoren, M	ANC	Urban	703	HCW	Endocervix	LCR	Endocervix	LCR
Burkina Faso	2014	Low, AJ	FSW	Urban	172	HCW	Endocervix	PCR	Endocervix	PCR
Cote d'Ivoire	2012	Vuylsteke, B	FSW	Urban	1110	Self	Vagina	PCR	Vagina	PCR
DRC	2007	Vandepitte, JM	FSW	Urban	502	HCW	Vagina	SDA + PCR	Vagina	SDA + PCR
DRC	2008	Kinoshita-Moleka, R	ANC	Urban	521	HCW	Vagina	PCR	Vagina	PCR
Ghana	2005	Pépin, J	FSW	Urban	382	HCW	Endocervix	PCR	Endocervix	PCR
Ghana	2005	Lasse, AT	FP	Urban	100	HCW	-	-	Endocervix + Vagina	Culture
Ghana	2010	Opoku, BK	Barworkers	Urban	1070	HCW	-	-	Endocervix	Culture
Ghana	2014	Yirenya-Tawiah, D	Community	Rural	191	HCW	Endocervix	PCR	Endocervix	PCR
Guinea	2014	Aho, J	FSW	Urban	223	HCW	Vagina	PCR	Vagina	PCR
Guinea-Bissau	2010	Mansson, F	FP	Urban	711	HCW	Endocervix	PCR	Endocervix	Culture
Kenya	2005	Cohen, CR	FSW	Urban	299	HCW	Endocervix	PCR	Endocervix	PCR
Kenya*	2006	Bukusi, EA	STD clinic	Urban	107	HCW	-	-	Endocervix	Culture
Kenya	2006	Bukusi, EA	FP	Urban	112	HCW	-	-	Endocervix	Culture
Kenya	2007	Chersich, MF	FSW	Urban	677	HCW	-	-	Endocervix	Culture
Kenya	2008	Manhart, LE	STD clinic	Urban	303	HCW	Endocervix	PCR	Endocervix	PCR

Kenya	2009	Guthrie, BL	ANC	Urban	416	HCW	Endocervix	PCR	Endocervix	PCR
Kenya	2010	Marx, G	ANC	Urban	441	HCW	Endocervix	PCR	Endocervix	PCR
Kenya	2013	Masese, L	FSW	Urban	865	HCW	Endocervix	TMA	Endocervix	Culture + TMA
Kenya	2013	Izulla, P	FSW	Urban	2933	HCW	-	-	Endocervix	Culture
Kenya	2013	Singa, B	PHC	Both	1063	HCW	Vagina	PCR	Vagina	PCR
Kenya	2014	Gomih-Alakija, A	FSW	Urban	349	HCW	Endocervix	PCR	Endocervix	PCR
Kenya	2014	Otieno, FO	Community	Urban	424	Self	Vagina	PCR	Vagina	PCR
Madagascar	2005	Feldblum, PJ	FSW	Urban	901	HCW	Urine	LCR	Urine	LCR
Madagascar	2005	Leutscher, P	Community	Rural	333	HCW	Urine	PCR	Endocervix	Culture
Madagascar	2009	Harijaona, V	FSW	Urban	100	HCW	Endocervix	PCR	Endocervix	Culture
Malawi	2008	Mensch, BS	Community	Rural	387	Self	Vagina	PCR	Vagina	PCR
Malawi*	2008	Aboud, S	ANC	Urban	1222	HCW	-	-	Vagina	Culture
Malawi	2012	Paz-Soldan, VAP	Community	Rural	453	Self	Urine	PCR	Urine	PCR
Malawi	2014	Guffey, MB	Community	Urban	1037	Self	Urine	SDA	Urine	SDA
Mozambique	2008	Luján, J	ANC	Rural	835	Self	Urine	PCR	Urine	PCR
Mozambique	2008	Melo, J	Youth Clinic	Urban	435	HCW	-	-	Endocervix	Culture
Mozambique	2011	Zimba, TF	STD clinic	Urban	154	HCW	Vagina	PCR	Endocervix	Culture + PCR
Namibia	2014	Hazel, A	Community	Rural	209	Self	Vagina	PCR	Vagina	PCR
Niger	2006	Mamadou, S	FSW	Urban	529	HCW	-	-	Endocervix	Culture
Nigeria	2005	Kehinde, AO	STD clinic	Urban	112	HCW	-	-	Endocervix; Vagina	Culture
Nigeria	2007	Franceschi, S	Community	Urban	443	HCW	Endocervix	PCR	Endocervix	PCR
Nigeria	2008	Harlpern, V	Community	Urban	3619	HCW	Vagina	SDA	Vagina	SDA
Nigeria	2011	Nwadioha, S	PHC	Urban	1000	HCW	-	-	Endocervix	Culture
Rwanda	2012	Veldhuijzen, NJ	FSW	Urban	396	HCW	Endocervix	PCR	Endocervix	PCR
Senegal	2009	Gueye Ndiaye, A	Community	Rural	433	Self	Urine	SDA	Urine	SDA
South Africa	2005	Dunkle, KL	FSW	Urban	295	Self	Urine	LCR	Urine	LCR
South Africa	2005	Pettifor, AE	Youth Clinic	Urban	4626	Self	Urine	PCR	Urine	PCR
South Africa	2006	van de Wijgert, JH	PHC	Both	450	Self	Endocervix	PCR	Endocervix	PCR
South Africa	2007	Frohlich, JA	PHC	Rural	274	Self	Vagina	PCR	Vagina	PCR
South Africa	2007	Jones, HE	PHC	Urban	626	Self	Vagina	PCR	Vagina	PCR

South Africa	2007	Kleinschmidt, I	FP	Urban	551	Self	Urine	LCR	Urine	LCR
South Africa*	2008	Ramjee, G	PHC	Urban	2493	Self	Urine	PCR	Urine	PCR
South Africa	2008	Hubacher, D	FP	Urban	125	HCW + self	Endocervix + Urine	TMA	Endocervix + Urine	TMA
South Africa	2009	Kapiga, S	Community	Both	479	Self	Urine	SDA	Urine	SDA
South Africa	2009	Saleh-Onoya, D	PHC	Urban	100	Self	Vagina	PCR	Vagina	PCR
South Africa	2009	Govender, S	ANC	Urban	219	HCW	Endocervix	PCR	-	-
South Africa	2010	Mhlongo, S	PHC	Urban	300	HCW	Endocervix	PCR	Endocervix	PCR
South Africa	2012	Onoya, D	PHC	Urban	446	Self	Vagina	PCR	Vagina	PCR
South Africa	2012	Lewis, DA	HIV clinic	Urban	558	HCW	Endocervix	PCR	Endocervix	PCR
South Africa	2014	Kleppa, E	Community	Rural	569	HCW	Endocervix	SDA	Endocervix	SDA
South Africa*	2014	Guffey, MB	Community	Urban	1048	Self	Urine	SDA	Urine	SDA
South Africa	2014	Peters, RPH	PHC	Rural	604	HCW	Endocervix; Rectal; Pharynx	PCR	Endocervix; Rectal; Pharynx	PCR
South Africa	2014	Masson, L	STD clinic	Urban	227	HCW	Endocervix	PCR	Endocervix	PCR
Tanzania	2005	Kapiga, SH	Barworkers	Urban	268	HCW	-	-	Endocervix	Culture
Tanzania	2006	Msuya, SE	PHC	Urban	382	HCW	-	-	Endocervix	Culture
Tanzania	2006	Chalamilla, G	Youth Clinic	Urban	101	HCW	-	-	Endocervix	Culture
Tanzania	2006	Riedner, G	Barworkers	Urban	600	HCW	Endocervix	PCR	Endocervix	PCR
Tanzania	2007	Vallely, A	Community	Urban	1515	HCW	Endocervix	PCR	Endocervix	PCR
Tanzania	2007	Watson-Jones, D	ANC	Urban	1536	Self	Urine	PCR	Urine	PCR
Tanzania*	2008	Aboud, S	ANC	Urban	428	HCW	-	-	Vagina	Culture
Tanzania	2009	Ghebremichael, M	Community	Urban	1440	Self	Urine	PCR	Urine	PCR
Tanzania	2009	Msuya, SE	PHC	Urban	2555	HCW	-	-	Endocervix	Culture
Tanzania	2009	Baisley, K	Barworkers	Rural	1283	HCW	Vagina	PCR	Vagina	PCR
Tanzania	2010	Doyle, AM	Community	Rural	6514	Self	Urine	PCR	Urine	PCR
Tanzania	2011	Tanton, C	Barworkers	Urban	484	HCW	Endocervix	PCR	Endocervix	PCR
Tanzania	2012	Downs, JA	Community	Rural	345	HCW	Endocervix	PCR	Endocervix	PCR
Tanzania	2012	de Walque, D	Community	Both	1205	HCW	Vagina	TMA	Vagina	TMA
Tanzania	2012	Chiduo, M	ANC	Urban	185	HCW	-	-	Endocervix	Culture
Tanzania	2013	Buhalata, SN	STD clinic	Both	320	HCW	Endocervix	PCR	Endocervix	PCR

Tanzania	2014	Francis, SC	Barworkers	Urban	966	HCW	Endocervix	PCR	Endocervix	PCR
The Gambia	2005	Demba, E	STD clinic	Urban	227	HCW	Endocervix	PCR	Endocervix	Culture
Uganda	2005	Pickering, JM	PHC	Rural	206	HCW	Endocervix	LCR	Endocervix	LCR
Uganda	2006	Tann, CJ	ANC	Urban	250	HCW	Vagina	PCR	Vagina	PCR
Uganda	2006	Rassjö, EB	Youth Clinic	Urban	199	HCW	Vagina	PCR	Vagina	PCR
Uganda*	2009	van de Wijgert, JH	FP	Urban	2199	HCW	Endocervix	PCR	Endocervix	PCR
Uganda	2010	Darj, E	Youth Clinic	Both	592	HCW	Vagina	PCR	Vagina	PCR
Uganda	2011	Vandepitte, J	FSW	Urban	1027	HCW	Endocervix	PCR	Endocervix	PCR
Uganda	2013	Ogilvie, GS	Community	Urban	199	Self	Vagina	PCR	Vagina	PCR
Uganda	2014	Rutherford, GW	Community	Urban	280	HCW	Vagina; Rectal	PCR	Vagina; Rectal	PCR
Zambia	2008	Aboud, S	ANC	Urban	642	HCW	-	-	Vagina	Culture
Zambia*	2009	Kapiga, S	Community	Urban	239	Self	-	-	Urine	Culture
Zambia	2012	Alcaide, ML	HIV clinic	Urban	292	Self	Urine	SDA	Urine	SDA
Zambia*	2014	Guffey, MB	Community	Urban	319	Self	Urine	SDA	Urine	SDA
Zimbabwe	2005	Cowan, FM	FSW	Rural	363	Self	Urine	PCR	Urine	PCR
Zimbabwe	2008	Ramjee, G	PHC	Urban	2455	Self	Urine	PCR	Urine	PCR
Zimbabwe	2009	van de Wijgert, JH	FP	Urban	2240	HCW	Endocervix	PCR	Endocervix	PCR
Zimbabwe	2010	Celentano, DD	Community	Urban	2943	HCW	Vagina	PCR	Vagina	PCR
Zimbabwe*	2014	Guffey, MB	Community	Urban	483	Self	Urine	SDA	Urine	SDA
Zimbabwe	2014	Mavedzenge, SN	HIV clinic	unclear	131	HCW	Endocervix	SDA	Endocervix	SDA

Note. PHC; primary healthcare setting, FSW; female sex workers, FP; family planning, ANC; Ante natal care, HCW; Health care workers, PCR; polymerase chain reaction, SDA; strand displacement amplification, LCR; ligase chain reaction, TMA; transcription-mediated amplification.

*Extra input of same publication due to multiple countries or populations.