

APPENDIX 1

Table A1: Online-based self-sampling and testing costs

Postal self-sampling kit components	Female	Male
Postal box	£0.20	£0.20
Male/female leaflet	£0.06	£0.06
Security seal	£0.01	£0.01
Lancets	£0.20	£0.20
Expiry date slips	£0.01	£0.01
'Syphilis is back' leaflet	£0.03	£0.03
Blood bottle	£0.14	£0.14
Ice bags	£0.04	£0.04
Tissues	£0.01	£0.01
Alcohol wipes	£0.04	£0.04
Gauzes	£0.01	£0.01
NAAT (2015 lab price)	£0.98	£0.98
Pee canter	-	£0.35
Envelope	£0.02	£0.02
Postage out	£1.06	£1.06
Labels	£0.26	£0.26
Total kit costs (issued and not returned)	£3.07	£3.42
Postage in	£0.79	£0.79
Total kit costs (issued and returned)	£3.86	£4.21

Staff costs		
Admin and dispatch	£0.40	£0.40
Kit making (admin cost)	£0.20	£0.20
Total staff costs (issued and not returned)	£0.60	£0.60
Negative (admin)	£0.67	£0.67
Total staff costs (negative)	£1.27	£1.27
Positive (clinical call)	£9.00	£9.00
Text messages	£0.44	£0.44
Treatment	£9.00	£9.00
Follow-up	£1.63	£1.63
Total staff cost (positive)	£20.67	£20.67

NAAT – nucleic acid amplification test

The average cost of online-based self-sampling and testing was estimated to be £6.42¹ based on gender ratio of 51% female to 49% male and 78.63% patients returned their kits and tested negative, 6.84% patients returned their kits and tested positive and 14.53% patients did not return their kits.

¹ $[0.49 \times \{0.7863 \times (\pounds4.21 + \pounds1.27) + 0.0684 \times (\pounds4.21 + \pounds20.67) + 0.1453 \times (\pounds3.42 + \pounds0.60)\}] + [0.51 \times \{0.7863 \times (\pounds3.86 + \pounds1.27) + 0.0684 \times (\pounds3.86 + \pounds20.67) + 0.1453 \times (\pounds3.07 + \pounds0.60)\}]$