

Dataset for: Defining seropositivity thresholds for use in trachoma elimination studies

Data Creators

Stephanie Migchelsen

Data Description

Data sets from 2700 Uganda, 952 Laotian and 1868 Gambian participants who have informed consent to participate in a cluster-randomised serological study to determine the seroprevalence of antibodies against *Chlamydia trachomatis*. Specimens were analysed from May 2014-May 2016.

Each data set contains normalised OD values for an anti-Pgp3 specific ELISA, which were used to generate a series of thresholds to define seropositive and seronegative samples.

Data Collection Methods

Dried blood spots were collected onto filter paper from a finger-prick blood sample from consenting participants in Laos, Uganda and The Gambia. Samples were allowed to air-dry, then were stored at -20C before being shipped to LSHTM for testing. Samples were eluted overnight and assayed using an-Pgp3 specific ELISA. Data presented are normalised OD values (read at optical density 450)

Geographic regions

The Gambia, Uganda, Laos

Key dates

Specimens were analysed from May 2014-May 2016. Data preparation completed in August 2016

Quality Controls

Quality controls applied to the data and to the project as a whole

Species:

Human population

Privacy:

Dataset anonymised prior to publication

Ethics

Approved by the Ethics Committee at the London School of Hygiene & Tropical Medicine.

Keywords

Trachoma, serology, serosurveillance, seroepidemiology

Language of written material

English

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Project

Defining seropositivity thresholds for use in trachoma elimination studies

Funder/Sponsor

Wellcome Trust

Grant Number

098521/B/12/Z

Associated Roles

Role	Forename	Surname	Faculty / Dept	Institution
Data Creator	Stephanie	Migchelsen	Infectious & Tropical Diseases > Clinical Research	London School of Hygiene & Tropical Medicine
Supervisor	David	Mabey	Infectious & Tropical Diseases > Clinical Research	London School of Hygiene & Tropical Medicine
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File Description

Title	Filename	File type	Description
Gambia Normalised dataset	Gambia_normalisedOD.txt	Tab-delimited text	Normalised Optical Density values and thresholds-Gambian specimens. Exported on 17 August 2016.
Uganda normalised dataset	Uganda_normalisedOD.txt	Tab-delimited text	Normalised Optical Density values and thresholds-Ugandan specimens. Exported on 17 August 2016.
Laos normalised dataset	Laos_normalisedOD.txt	Tab-delimited text	Normalised Optical Density values and thresholds-Laotian specimens. Exported on 17 August 2016.
Participation Information Sheet (Adult)	InformationSheet_Adult.pdf	Adobe PDF 1.4	Information sheet and consent form distributed to adult participants
Participation Information Sheet (Child)	InformationSheet_Child.pdf	Adobe PDF 1.4	Information sheet and consent form distributed to child participants
Data dictionary	Data_dictionary.txt	ASCII text	Data dictionary for Gambia, Uganda, and Laos datasets