

UK NEQAS for H&I Educational Scheme

METHODOLOGY

DISPATCHED ON 23RD JUNE 2015

SAMPLE ED03/2015

| Lab No. | Date received | Date tested | Method used * HLA-A | HLA-B | HLA-C | DRB1 | DRB3,4,5 | DQA1 | DQB1 | DPA1 | DPB1 | Source of Primers and Probes Kits | | | Kit manufacturer | Detection Method | |
|---------|---------------------|-------------|------------------------|-------------------|--------------|--------------|--------------|--------------|--------------|------|------|--------------------------------------|----------|-------|-------------------------------|------------------------------|--------------|
| | | | | | | | | | | | | Commercial | In-house | Other | | | |
| 9 | 24-Jun | | | SSOP/ SBT | | | | | | | | Yes | | | One Lambda, Invitrogen | Fluorescence | |
| 12 | 25-Jun | 01-Jul | LUM | SBT/LUM | LUM | LUM | LUM | LUM | LUM | | | Yes | | | One Lambda, Invitrogen | Fluorescence | |
| 14 | 25-Jun | 26-Jun | SSOP | SSOP | SSOP | SSOP | SSOP | SSOP | SSOP | SSOP | SSOP | Yes | | | One Lambda | Luminex | |
| 15 | 17-Jul | 25-Jul | SSOP | SSOP/ SBT | SSOP | SSOP | SSOP | SSOP | SSOP | | | Yes | Yes | | Immucor | Fluorescence | |
| 16 | 25-Jun | 08-Jul | SSP/LUM | SSP/LUM | SSP/LUM | SSP/LUM | SSP/LUM | LUM | SSP/LUM | | | Yes | | | Innotrain, Immucor | Gel, Fluorescence | |
| 19 | 26-Jun | 01-Jul | SSOP | SSOP/ SBT | SSOP | SSOP | SSOP | SSOP | SSOP | | SSOP | Yes | Yes | | Immucor | Fluorescence | |
| 20 | 29-Jun | 01-Jul | | SSP/ SBT | | | | | | | | | Yes | | | | Gel |
| 23 | 25-Jun | 01-Jul | LUM | SSP/LUM | LUM | LUM | LUM | LUM | LUM | | | Yes | | | One Lambda, Allset | Gel, Fluorescence | |
| 24 | 25-Jun | 03-Jul | LUM | SBT/LUM | LUM | LUM | LUM | LUM | LUM | | | Yes | | | Immucor, GenDx | Fluorescence | |
| 26 | 26-Jun | 26-Jun | SBT/LUM | SBT/LUM | SBT/LUM | SBT/LUM | | | SBT/LUM | | | Yes | Yes | | One Lambda | Fluorescence | |
| 28 | 24-Jun | 30-Jun | | SSP/LUM | | | | | | | | Yes | | | Life Technologies, One Lambda | | |
| 29 | 26-Jun | 01-Jul | | SSP/ SBT | | | | | | | | Yes | | | Olerup, Thermofisher | Gel, Fluorescence | |
| 34 | 25-Jun | 15-Jul | LUM | LUM | LUM | LUM | | LUM | LUM | LUM | LUM | Yes | | | One Lambda, GenDx | Fluorescence | |
| 38 | 24-Jun | 24-Jul | SSP/SSOP/LUM | SSP/SSOP/ SBT/LUM | SSP/SSOP/LUM | SSOP/LUM | SSOP/LUM | LUM | SSOP/LUM | | | Yes | | | One Lambda, Conexio | Gel, Fluorescence | |
| 39 | 25-Jun | 03-Jul | SSOP | SSOP/ SBT | SSOP | SSOP | SSOP | SSOP | SSOP | | | Yes | | | One Lambda, GenDx | Fluorescence | |
| 41 | 23-Jun | 02-Jul | | SSP/LUM | | | | | | | | Yes | | | Life Technologies, One Lambda | Gel, Fluorescence | |
| 42 | 24-Jun | 30-Jun | LUM | SBT/LUM | LUM | LUM | | LUM | LUM | | | Yes | | | One Lambda, GenDx | Fluorescence | |
| 45 | 26-Jun | 07-Jul | | SSP/ SBT | | | | | | | | | Yes | Yes | | | Fluorescence |
| 54 | 24-Jun | 03-Jul | LUM | LUM | LUM | LUM | LUM | LUM | LUM | | | Yes | | | Immucor | Fluorescence | |
| 58 | 24-Jun | 06-Jul | LUM | LUM | LUM | LUM | LUM | LUM | LUM | LUM | LUM | Yes | | | One Lambda | Fluorescence | |
| 62 | 26-Jun | 03-Aug | SBT | SSP/ SBT | SBT | SBT | SBT | SBT | SBT | | | Yes | | | Life Technologies, One Lambda | Gel, Fluorescence | |
| 78 | 04-Jun | 18-Aug | SSP | SSP | SSP | SSP | SSP | SSP | SSP | | | Yes | | | Rose | Gel | |
| 112 | 26-Jun | 01-Jul | SSP | SSP | SSP | SSP | SSP | SSP | SSP | | | Yes | | | CTS | Gel | |
| 113 | 24-Jun | 24-Jun | LUM | SSP/LUM | LUM | LUM | LUM | LUM | LUM | | | Yes | | | One Lambda, Olerup | Gel, Fluorescence | |
| 128 | 26-Jun | 07-Jul | LUM | LUM | LUM | LUM | LUM | LUM | LUM | | | Yes | | | One Lambda | | |
| 130 | 24-Jun | 25-Jun | SBT | SBT | SBT | SBT | SBT | SBT | SBT | | | Yes | | | GenDx | Gel, Fluorescence | |
| 132 | 25-Jun | 16-Jul | SSP/SSOP/LUM/NGS | SSOP/LUM/NGS | NGS | SSOP/LUM/NGS | SSOP/LUM/NGS | SSOP/LUM/NGS | SSOP/LUM/NGS | | | Yes | | | Olerup, Immucor, Omixon | Gel, Luminex, Illumina Miseq | |
| 133 | 25-Jun | 13-Jul | LUM | SBT/LUM | LUM | LUM | LUM | LUM | LUM | | | Yes | | | Immucor, GenDx | Fluorescence | |
| 142 | 24-Jun | 03-Jul | LUM | LUM | LUM | LUM | LUM | LUM | LUM | | | Yes | | | Ingen, One Lambda | | |
| 147 | 24-Jun | 24-Jun | SBT/LUM | SBT/LUM | SSP/ SBT/LUM | SBT/LUM | SSP | LUM | LUM | | | Yes | Yes | | One Lambda | Gel, Fluorescence | |
| 156 | 26-Jun | 01-Jul | | SSP/ SBT | | | | | | | | Yes | Yes | | Olerup | Gel, ABI3730 | |
| 159 | 24-Jun | 23-Jul | | LUM | | | | | | | | Yes | | | One Lambda | Fluorescence | |
| 164 | 29-Jun | 07-Jul | SBT | SBT | SBT | SBT | | | | | | Yes | | | Celera | Fluorescence | |
| 178 | No results returned | | | | | | | | | | | | | | | | |
| 181 | 24-Jun | 01-Jul | LUM | SSP/ SBT/LUM | LUM | LUM | LUM | LUM | LUM | | | Yes | | | One Lambda, Olerup | Gel | |
| 193 | 24-Jun | 01-Jul | | SBT/LUM | | | | | | | | Yes | | | One Lambda, Abbott | Fluorescence | |
| 195 | 30-Jun | 13-Jul | LUM | LUM | LUM | LUM | LUM | LUM | LUM | | LUM | Yes | | | One Lambda | Fluorescence | |
| 229 | No results returned | | | | | | | | | | | | | | | | |
| 230 | 25-Jun | 30-Jun | LUM | LUM | LUM | LUM | LUM | LUM | LUM | | | Yes | | | GenProbe | Fluorescence | |
| 238 | 24-Jun | 02-Jul | SBT | SBT | SBT | SBT | SBT | SBT | SBT | SBT | SBT | Yes | | | Celera | Big dye terminator | |
| 245 | 24-Jun | 25-Jun | | SSOP/ SBT | | | | | | | | Yes | | | BAG, Protrans | Fluorescence | |
| 252 | No results returned | | | | | | | | | | | | | | | | |
| 259 | No results returned | | | | | | | | | | | | | | | | |
| 260 | 25-Jun | 30-Jul | LUM | SBT/LUM | LUM | LUM | LUM | LUM | LUM | | | Yes | | | Immucor, Lifecodes, GenDx | Fluorescence | |
| 262 | 01-Jul | 07-Jul | LUM | SBT/LUM | LUM | LUM | LUM | LUM | LUM | | | Yes | | | One Lambda, Abbott | Fluorescence | |
| 267 | 25-Jun | 03-Jul | LUM | SBT/LUM | LUM | LUM | LUM | LUM | LUM | | | Yes | | | Protrans, Immucor | Fluorescence | |
| 284 | 24-Jun | 21-Jul | | SSP/ SBT/LUM | | | | | | | | Yes | | | One Lambda, Olerup, Protrans | Gel, Fluorescence | |
| 297 | 25-Jun | 20-Jul | SSO/ SBT | SSO/ SBT | SSO/ SBT | SSO | SSO | SSO | SSO | SSO | SSO | Yes | | | | | |
| 323 | 23-Jun | 01-Jul | LUM | LUM | LUM | LUM | LUM | LUM | LUM | | | Yes | | | One Lambda | Fluorescence | |

UK NEQAS for H&I Educational Scheme

CLASS I DNA TYPING RESULTS

DISPATCHED ON 23RD JUNE 2015

SAMPLE ED03/2015

| Lab No. | HLA-A* | A* | B* | B* | C* | C* |
|---------|----------|----|------------------------------------------------|--------|---------------------|-------------------------------------------------|
| 9 | | | 15:01 | 15:34 | | |
| 12 | 02 | 02 | 15:01 | 15:34 | 03 | 04 |
| 14 | 02 | | 15:01/26N-28/34 | | 03:03/11/18/20N/22Q | 04 |
| 15 | 02 | | 15:01/102/104/140/146/201 | 15:34 | 03:03/13/20N/30 | 04 |
| 16 | 02 | | 15 | | 03 | 04 |
| 19 | 02 | 02 | 15:01:01:01/15:01:01:03/15:01:07 | 15:34 | 03 | 04 |
| 20 | | | 15:01 | 15:34 | | |
| 23 | 02 | | 15:01 | 15:34 | 03:03 | 04 |
| 24 | 02 | | 15:01:01 | 15:34 | 03 | 04 |
| 26 | 02:01 | | 15:01 | 15:34 | 03:03 | 04:01/82 |
| 28 | | | 15:01/01N/26N-343 | | | |
| 29 | | | 15:01 | 15:34 | | |
| 34 | 02 | 02 | 15:01 | 15:34 | 03:03 | 04 |
| 38 | 02 | | 15:01 | 15:34 | 03:03 | 04 |
| 39 | 02 | | 15:01 | 15:34 | 03:03/11/13/18 | 04 |
| 41 | | | 15 | 15:34 | 03 | 04 |
| 42 | 02 | | 15:01 | 15:34 | 03 | 04 |
| 45 | | | 15:01:01:01 | 15:34 | | |
| 54 | 02 | | 15 | | 03 | 04 |
| 58 | 02 | | 15 | | 03 | 04 |
| 62 | 02 | | 15:01:01 | 15:34 | 03 | 04 |
| 78 | 02 | | 15 | | | |
| 112 | 02 | | 15 | | | |
| 113 | 02 | | 15 | 15:34 | 03 | 04 |
| 128 | 02 | | 15 | | 03 | 04 |
| 130 | 02:01:01 | | 15:01:01 | 15:34 | 03:03 | 04:01 |
| 132 | 02:01 | | 15:01 | 15:34 | 03:03 | 04:01 |
| 133 | 02 | | 15:01 | 15:34 | 03 | 04 |
| 142 | 02 | 02 | 15 | 15 | | |
| 147 | 02:01:01 | | 15:01:01:01 | 15:34 | 03:03:01/03:227 | 04:01:01:01/04:01:01:03/04:01:01:04/04:30/04:82 |
| 156 | | | 15:01/320/321Q | 15:34 | | |
| 159 | | | 15:01 | 15:26N | | |
| 164 | 02:01 | | 15:01 | 15:34 | 03 | 04 |
| 178 | | | | | | |
| 181 | 02 | | 15:01 | 15:34 | 03 | 04 |
| 193 | | | 15:01 | 15:34 | | |
| 195 | 02 | | 15 | | 03 | 04 |
| 229 | | | | | | |
| 230 | 02 | 02 | 15 | 15 | 03 | 04 |
| 238 | 02:01G | | 15:01 | 15:34 | 03 | 04 |
| 245 | | | 15:01/102/104/140/146/201/227/223/247/320/321Q | 15:34 | | |
| 252 | | | | | | |
| 259 | | | | | | |
| 260 | 02 | 02 | 15:01:01 | 15:34 | 03 | 04 |
| 262 | 02 | | 15:01 | 15:34 | 03 | 04 |
| 267 | 02 | 02 | 15:01 | 15:34 | 03 | 04 |
| 284 | | | 15:01:01G | 15:34 | | |
| 297 | 02:01 | | 15:01 | 15:34 | 03:03 | 04:01 |
| 323 | 02 | | 15 | | 03 | 04 |

UK NEQAS for H&I Educational Scheme

CLASS II DNA TYPING RESULTS

DISPATCHED ON 23RD JUNE 2015

SAMPLE ED03/2015

| Lab No. | HLA-DRB1* | DRB1* | DRB3* | DRB3* | DQA1* | DQA1* | DQB1* | DQB1* | DPB1* | DPB1* | Comments |
|---------|-----------|----------|-------|-------|-------|-------|----------------------------------------------------------|----------------------|-------|-------|------------------|
| 12 | 08 | 11 | 02 | | | | 03 | 04 | | | |
| 14 | 08 | 11 | 03 | | | | 03:01/27-29/35 | 04 | 01 | 09 | |
| 15 | 08 | 11 | 02 | | | | 03:01/19/21/22/27 | 04 | | | |
| 16 | 08 | 11 | 02 | | 04 | 05 | 03 | 04 | | | |
| 19 | 08 | 11 | 02 | | | | 03 | 04 | 01 | 09 | |
| 23 | 08:01 | 11:03 | 02:02 | | 04:01 | 05:05 | 03:01 | 04:02 | | | |
| 24 | 08 | 11 | 02 | | | | 03 | 04 | | | |
| 26 | 08:01 | 11:03 | | | | | 03:01 | 04:02/13/23 | | | |
| 34 | 08 | 11:03 | | | | | 03:01 | 04:02 | 01:01 | 09:01 | |
| 38 | 08:01 | 11:03 | 02 | | | | 03:01 | 04:02 | | | |
| 39 | 08 | 11 | 02 | | | | 03:01/10/27/28 | 04 | | | |
| 42 | 08 | 11 | | | | | 03 | 04 | | | |
| 54 | 08 | 11 | 02 | | | | 03 | 04 | | | |
| 58 | 08 | 11 | 02 | | | | 03 | 04 | 01 | 09 | |
| 62 | 08:01 | 11:03 | 02 | | | | 03:01:01 | 04:02:01 | | | |
| 78 | 08 | 11 | | | | | 03 | 04 | | | |
| 112 | 08 | 11 | + | | | | | | | | |
| 113 | 08 | 11 | | | | | 03 | 04 | | | |
| 128 | 08:01/43 | 11:03/55 | | | | | 03:01/10/27-29/35/42/44/47/49-51/73/83/84M/92-94/114-116 | 04:02/09/11/13/18-23 | | | |
| 130 | 08:01 | 11:03 | | | | | 03:01:01 | 04:02:01 | | | |
| 132 | 08:01 | 11:03 | | | | | 03:01 | 04:02 | | | IMGT/HLA db 3.19 |
| 133 | 08 | 11 | | | | | 03 (03:01/19/21/22/27/28/29) | 04 | | | |
| 142 | 08 | 11 | | | | | 03 | 04 | | | |
| 147 | 08:01 | 11:03 | 02:02 | | | | 03:01 | 04:02 | 01:01 | 09:01 | |
| 164 | 08:01 | 11:03 | | | | | | | | | |
| 178 | | | | | | | | | | | |
| 181 | 08 | 11 | | | | | 03:01 | 04 | | | |
| 195 | 08 | 11 | | | | | 03 | 04 | 01 | 09 | |
| 229 | | | | | | | | | | | |
| 230 | 08 | 11 | | | | | 03 | 04 | | | |
| 238 | 08:01 | 11:03 | | | | | 03:01 | 04:02 | 01:01 | 09:01 | |
| 252 | | | | | | | | | | | |
| 259 | | | | | | | | | | | |
| 260 | 11 | 11 | | | | | 03 | 04 | | | |
| 262 | 08 | 11 | | | | | 03:01 | 04:02 | | | |
| 267 | 08 | 11 | | | | | 03 | 04 | | | |
| 297 | 08:01 | 11:03 | | | | | 03:01 | 04:02 | | | |
| 323 | 11 | 11 | | | | | 03 | 04 | | | |