

UK NEQAS for H&I Scheme 6 - HLA Antibody Detection

SAMPLES 611-620/2015

DESPATCHED ON 23RD JUNE 2015

COMPLEMENT DEPENDENT CYTOTOXICITY (CDC) TECHNIQUE INFORMATION

| Lab No | Technique | Cell source | Frozen trays | In-house Commercial | Panel | | Complement source | Incubation | | Dead cell visualisation | Analysis Procedures | Software Manufacturer | Comments |
|--------|--------------|-------------------|--------------|---------------------|------------------|------|-------------------|------------|---------|-------------------------|---------------------|-----------------------|---------------------------|
| | | | | | Composition | Size | | Pre-C' | Post-C' | | | | |
| 20 | NIH | B-cells | No | | Random | 40 | Cedarlane | 60 | 45 | AO/EB | Computerised | In-House | |
| 28 | LCT | | | One Lambda | | | Cedarlane | 30 | 60 | AO/EB | Manual | | |
| 29 | NIH | PBL/T-cells | Yes | One Lambda | Selected | | Cedarlane | 30 | 60 | AO/EB | Manual | | |
| 42 | NIH | PBL | No | | Mixture | | TCS Biosciences | 60 | 120 | AO/EB | Manual | | |
| 101 | CDC | PBL | Yes | Gentrak | Mixture | | Gentrak | 30 | 60 | Fluoroquen | Manual | | |
| 120 | Standard CDC | T-cells/B-cells | Yes | In-house | Selected | 36 | Servibio | 25 | 50 | AO/EB | Computerised | One Lambda | |
| 136 | NIH | PBL | No | | Selected | 45 | In-House | 30 | 60 | AO/EB | Computerised | One Lambda | |
| 154 | NIH | T-cells | Yes | One Lambda | Random | 28 | One Lambda | 30 | 60 | Stainfix | Both | One Lambda | |
| 159 | Classic CDC | PBL | No | | Selected | 30 | In-House | 30 | 60 | Fluoroquen | Computerised | One Lambda | |
| 162 | Extended NIH | PBL | No | | Selected | 50 | Cedarlane | 60 | 120 | Fluoroquen | Computerised | One Lambda | Based on previous methods |
| 186 | NIH | PBL | | | Selected | | Invitrogen | | | | Manual | | |
| 194 | CDC | PBL | No | | Selected | 41 | In-House | 30 | 60 | Fluoroquen | Computerised | One Lambda | |
| 206 | NIH | PBL | No | | Selected | 30 | Cedarlane | 30 | 90 | Fluoroquen | Manual | | |
| 223 | CDC | T-cells | No | | Random | | Biorad, Inntrain | 45 | 60 | AO/EB | Manual | | |
| 227 | NIH | PBL | | | Random | 30 | Immucor | 30 | 60 | Fluoroquen | Manual | | |
| 238 | LCT | PBL | Yes | In-house | Selected | 44 | Invitrogen | 30 | 60 | Fluoroquen | Both | One Lambda | |
| 245 | NIH | T-cells | Yes | Gentrak | Selected | 30 | BAG | 30 | 60 | AO/EB | Manual | | |
| 268 | AGH | T-cells | Yes | Gentrak | Selected | 60 | Gentrak | 30 | 60 | AO/EB | Manual | | |
| 284 | CDC | PBL | | In-house | Selected | 30 | Cedarlane | 45 | 60 | AO/EB | Manual | | |
| 294 | AHG | FCT30 sera screen | Yes | Gentrak | Selected/Mixture | 30 | Gentrak | 30 | 60 | Fluoroquen | Manual | | |
| 315 | CDC | T-cells | Yes | Gentrak | | | Gentrak | 30 | 50 | Fluoroquen | Both | Gentrak | |

FLOW CYTOMETRY TECHNIQUE INFORMATION

| Lab No | Flow Cytometer Model | Cell | | Conjugate | Manufacturer | Conjugate | Manufacturer | Software | Manufacturer | Comments |
|--------|----------------------|--------------|--------|--------------------------|--------------|-----------|--------------|---------------|--------------|----------|
| | | preparations | source | | | | | | | |
| 115 | FACSCalibur | | | Included in FlowPRA Kit | One Lambda | | | Cellquest Pro | BD | |
| 153 | | | | FITC anti-human IgG FAB2 | One Lambda | | | DIVA | BD | |
| 335 | FACSCanto II | | | Anti-Human IgG-FITC | One Lambda | | | DIVA | BD | |

ELISA TECHNIQUE INFORMATION

| Lab No | ELISA kit(s) used | Batch No. | Manufacturer | ELISA kit(s) used | Batch No. | Manufacturer | Comments |
|--------|-------------------|-----------|--------------|-------------------|-----------|--------------|----------|
| 117 | LATM10 | 011 | One Lambda | | | | |

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LUMINEX TECHNIQUE INFORMATION

| Lab No. | LUMINEX kit(s) used | Batch No. | Manufacturer | LUMINEX kit(s) used | Batch No. | Manufacturer | LUMINEX kit(s) used | Batch No. | Manufacturer | LUMINEX kit(s) used | Batch No. | Manufacturer | LUMINEX kit(s) used | Batch No. | Manufacturer | Other methods | Comments |
|---------|---------------------|-----------------|--------------|---------------------|-----------------|--------------|---------------------|-----------------|--------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------|----------|
| 9 | LSM12 | 020 | One Lambda | LS1A04 | 009 | One Lambda | LS2A01 | 010 | One Lambda | | | | | | | | |
| 11 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 12 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 14 | LSM12 | 019 | One Lambda | LS1A04 | 009 | One Lambda | LS2A01 | 010 | One Lambda | | | | | | | | |
| 15 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 19 | LMX | 3002350 | Immucor | | | | | | | | | | | | | | |
| 20 | LSM12 | 019 | One Lambda | | | | | | | | | | | | | | |
| 23 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 24 | LMX | 3002119 | Immucor | LS1PRA | 016 | One Lambda | LS2PRA | 015 | One Lambda | LS1A04 | 009 | One Lambda | LS2A01 | 010 | One Lambda | | |
| 25 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 26 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 28 | LSM12 | X64 | One Lambda | | | | | | | | | | | | | | |
| 29 | LMX | 3002691 | Immucor | | | | | | | | | | | | | | |
| 34 | LSM12 | 020 | One Lambda | LM1 | 3002580 | Immucor | LSAI | 02105C | Immucor | | | | | | | | |
| 38 | LSM12 | 020 | One Lambda | LM1 | 3002246 | Immucor | LM2 | 3002419 | Immucor | LS1A04 | 009 | One Lambda | LS2A01 | 010 | One Lambda | | |
| 39 | LSM12 | 019 | One Lambda | LMX | 3002691 | Immucor | LS2PRA | 015 | One Lambda | | | | | | | | |
| 41 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 42 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 45 | LSM12 | 019 | One Lambda | LS1PRA | 016 | One Lambda | LS2PRA | 015 | One Lambda | | | | | | | | |
| 48 | LSM12 | 020 | One Lambda | LM1 | 3002580 | Lifecodes | LM2 | 3002419 | Lifecodes | | | | | | | | |
| 51 | LSM12 | 020 | One Lambda | LS1A04 | 009 | One Lambda | | | | | | | | | | | |
| 54 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 58 | LSM12 | 020 | One Lambda | LMX | 3002691 | Immucor | | | | | | | | | | | |
| 62 | LMX | 3002691-3002690 | Lifecodes | LSM12 | 020 | One Lambda | | | | | | | | | | | |
| 100 | LMX | 3002691 | Immucor | | | | | | | | | | | | | | |
| 101 | LSM12 | 019 | Ingen | | | | | | | | | | | | | | |
| 112 | LMX | 3002491-3002690 | Immucor | LM1 | 3002580-3002547 | Immucor | LM2 | 3002419-3002383 | Immucor | LSAI | 02105C-01195B | Immucor | LSAI | 01145C-12174F | Immucor | | |
| 114 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 115 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 117 | LSM12 | 019 | One Lambda | | | | | | | | | | | | | | |
| 120 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 127 | LSM12 | 019 | One Lambda | | | | | | | | | | | | | | |
| 128 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 136 | LSM12 | 019 | One Lambda | | | | | | | | | | | | | | |
| 139 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 143 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 148 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 154 | LSM12 | 019 | One Lambda | | | | | | | | | | | | | | |
| 159 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 160 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 162 | LSM12 | 019 | One Lambda | | | | | | | | | | | | | | |
| 163 | LSM12 | 019 | One Lambda | | | | | | | | | | | | | | |
| 164 | LSM12 | 019 | One Lambda | | | | | | | | | | | | | | |
| 169 | LSM12 | 019 | One Lambda | | | | | | | | | | | | | | |
| 174 | LMX | 3001682 | Immucor | | | | | | | | | | | | | | |
| 181 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 186 | LMX | 3002691-3002690 | Immucor | | | | | | | | | | | | | | |
| 189 | LMX | 302119 | Immucor | | | | | | | | | | | | | | |
| 190 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 191 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 193 | LSM12 | 019 | One Lambda | | | | | | | | | | | | | | |
| 194 | LMX | 3002690 | Lifecodes | | | | | | | | | | | | | | |
| 195 | LSM12 | 018 | One Lambda | | | | | | | | | | | | | | |
| 204 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 205 | LMX | 3002119 | Gen-Probe | | | | | | | | | | | | | | |
| 206 | LMX | 3002691 | Immucor | | | | | | | | | | | | | | |
| 209 | LSM12 | 019 | One Lambda | | | | | | | | | | | | | | |
| 210 | LMX | 3002119 | Immucor | | | | | | | | | | | | | | |
| 212 | LMX | 3002691 | Immucor | | | | | | | | | | | | | | |
| 214 | LMX | 3002119 | Immucor | | | | | | | | | | | | | | |
| 227 | LSM12 | 150706 | One Lambda | | | | | | | | | | | | | | |
| 229 | LMX | 3002119 | Immucor | | | | | | | | | | | | | | |
| 230 | LMX | 3002119 | Immucor | | | | | | | | | | | | | | |
| 231 | LMX | 3002119 | Immucor | | | | | | | | | | | | | | |
| 232 | LM1 | 3002580 | Immucor | LM2 | 3002130 | Immucor | | | | | | | | | | | |
| 238 | LMX | 3002691 | Immucor | | | | | | | | | | | | | | |
| 239 | | | | | | | | | | | | | | | | | |
| 240 | LMX | 3002119-3002066 | Lifecodes | | | | | | | | | | | | | | |
| 242 | LMX | 2802015 | Lifecodes | | | | | | | | | | | | | | |
| 243 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 245 | LSM12 | 020 | Ingen | | | | | | | | | | | | | | |
| 252 | LMX | 3002691 | Immucor | | | | | | | | | | | | | | |
| 254 | LMX | 3002691 | Immucor | | | | | | | | | | | | | | |
| 258 | LMX | 3001302 | Immucor | | | | | | | | | | | | | | |
| 259 | LMX | 3002350-3002341 | Immucor | | | | | | | | | | | | | | |
| 262 | LMX | 3002691 | Immucor | | | | | | | | | | | | | | |
| 264 | LMX | 3002119 | Immucor | | | | | | | | | | | | | | |
| 268 | LMX | 3002691-3002690 | Immucor | | | | | | | | | | | | | | |
| 273 | LMX | 020 | One Lambda | | | | | | | | | | | | | | |
| 277 | LS1A04 | 020 | One Lambda | LS2A01 | 010 | One Lambda | LSAB2 | 001 | One Lambda | | | | | | | | |
| 284 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 292 | LSM12 | 3894 | One Lambda | | | | | | | | | | | | | | |
| 293 | | | | | | | | | | | | | | | | | |
| 294 | LMX | 3002691-3002690 | Lifecodes | | | | | | | | | | | | | | |
| 297 | LS1A04 | 1500630 | One Lambda | | | | | | | | | | | | | | |
| 301 | LMX | 300250C | Immucor | | | | | | | | | | | | | | |
| 302 | LMX | 3002691 | Gen-Probe | | | | | | | | | | | | | | |
| 303 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 309 | LMX | 3002691 | Immucor | | | | | | | | | | | | | | |
| 311 | LSM12 | 020 | One Lambda | | | | | | | | | | | | | | |
| 315 | LMX | 3002691 | Immucor | | | | | | | | | | | | | | |
| 318 | | | | | | | | | | | | | | | | | |
| 322 | | | | | | | | | | | | | | | | | |
| 323 | LSM12 | 628215 | Immucor | | | | | | | | | | | | | | |
| | | 020 | One Lambda | | | | | | | | | | | | | | |

Addition of EDTA to the wash buffer

| | | | | | | | | | | | | | | | | | |
|---------|------------------------------------|--|------------|--------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Immucor | | | One Lambda | | | | | | | | | | | | | | |
| LM1 | Class I ID Kit | | LS1PRA | LABScreen PRA Class I | | | | | | | | | | | | | |
| LM2 | Class II ID Kit | | LS2PRA | LABScreen PRA Class II | | | | | | | | | | | | | |
| LMX | Lifecodes Lifescreen Deluxe Kit | | LS12PRA | LABScreen PRA Class I&II | | | | | | | | | | | | | |
| LSAI | Lifecodes Lifescreen SA Class I | | LS1A04 | LS SA Class I | | | | | | | | | | | | | |
| LSAII | Lifecodes Lifescreen SA Class II | | LS2A01 | LS SA Class II | | | | | | | | | | | | | |
| LSAIII | Lifecodes Lifescreen SA Class I&II | | LSM12 | LS Mixed Class I&II | | | | | | | | | | | | | |

Note: UK NEQAS for H&I have used participant and manufacturer's information to aid consistency with methodological information. Please report any errors to Deborah Pritchard on Deborah.Pritchard3@wales.nhs.uk

UK NEQAS for H&I Scheme 6 - HLA Antibody Detection

SAMPLES 611-620/2015

DESPATCHED ON 23RD JUNE 2015

IgG Results - Additional Information

| Lab No. | Methods used to test these samples: | | | | | Have the samples been treated? | | | | |
|---------|-------------------------------------|------|-------|---------|-------|--------------------------------|----------|-------------------|------|------------|
| | CDC | Flow | ELISA | Luminex | Other | None | Dilution | Heat Inactivation | EDTA | Other |
| 9 | | | | Luminex | | None | | | | |
| 11 | | | | Luminex | | None | | | | |
| 12 | | | | Luminex | | None | | | | |
| 14 | | | | Luminex | | | | | EDTA | |
| 15 | | | | Luminex | | | | | EDTA | |
| 19 | | | | Luminex | | None | | | | |
| 20 | CDC | | | Luminex | | | | | EDTA | |
| 23 | | | | Luminex | | None | | | | |
| 24 | | | | Luminex | | None | | | | |
| 25 | | | | Luminex | | | | | EDTA | |
| 26 | | | | Luminex | | | | | EDTA | |
| 28 | | | | Luminex | | None | | | | |
| 29 | CDC | | | Luminex | | None | | | | |
| 34 | | | | Luminex | | | | | EDTA | |
| 38 | | | | Luminex | | | | | EDTA | |
| 39 | | | | Luminex | | | | | EDTA | |
| 41 | | | | Luminex | | None | | | | |
| 42 | | | | Luminex | | | | | EDTA | |
| 45 | | | | Luminex | | | | | | Adsorb out |
| 48 | | | | Luminex | | None | | | | |
| 51 | | | | Luminex | | | | | EDTA | |
| 54 | | | | Luminex | | None | | | | |
| 58 | | | | Luminex | | None | | | | |
| 62 | | | | Luminex | | None | | | | |
| 100 | | | | Luminex | | None | | | | |
| 101 | | | | Luminex | | None | | | | |
| 112 | | | | Luminex | | None | | | | |
| 114 | | | | Luminex | | None | | | | |
| 115 | | Flow | | Luminex | | None | | | | |
| 117 | | | ELISA | Luminex | | None | | | | |
| 120 | | | | Luminex | | | | | EDTA | |
| 127 | | | | Luminex | | None | | | | |
| 128 | | | | Luminex | | None | | | | |
| 136 | CDC | | | Luminex | | None | | | | |
| 139 | | | | Luminex | | None | | | | |
| 143 | | | | Luminex | | None | | | | |
| 149 | | | | Luminex | | None | | | | |
| 153 | | Flow | | | | None | | | | |
| 154 | CDC | | | Luminex | | None | | | | |
| 159 | CDC | | | Luminex | | None | | | | |
| 160 | | | | Luminex | | | | | | Adsorb out |
| 162 | | | | Luminex | | | | | EDTA | Adsorb out |
| 163 | | | | Luminex | | None | | | | |
| 164 | | | | Luminex | | None | | | | |
| 169 | | | | Luminex | | None | | | | |
| 174 | | | | Luminex | | None | | | | |
| 181 | | | | Luminex | | None | | | | |
| 186 | | | | Luminex | | None | | | | |
| 189 | | | | Luminex | | None | | | | |
| 190 | | | | Luminex | | None | | | | |
| 191 | | | | Luminex | | None | | | | |
| 193 | | | | Luminex | | None | | | | |
| 194 | CDC | | | Luminex | | | | | | DTT |
| 195 | | | | Luminex | | None | | | | |
| 204 | | | | Luminex | | | | | EDTA | |
| 205 | | | | Luminex | | None | | | | |
| 206 | | | | Luminex | | None | | | | |
| 209 | | | | Luminex | | None | | | | |
| 210 | | | | Luminex | | None | | | | |
| 212 | | | | Luminex | | | Dilution | | | |
| 214 | | | | Luminex | | None | | | | |
| 223 | CDC | | | | | None | | | | |
| 227 | CDC | | | Luminex | | None | | | | |
| 229 | | | | Luminex | | None | | | | |
| 230 | | | | Luminex | | None | | | | |
| 231 | | | | Luminex | | None | | | | |
| 232 | | | | Luminex | | None | | | | |
| 238 | CDC | | | Luminex | | | | | | DTT |
| 239 | | | | Luminex | | None | | | | |
| 240 | | | | Luminex | | None | | | | |
| 242 | | | | Luminex | | None | | | | |
| 243 | | | | Luminex | | | | | EDTA | |
| 245 | | | | Luminex | | None | | | | |
| 252 | CDC | | | Luminex | | None | | | | |
| 254 | | | | Luminex | | None | | | | |
| 258 | | | | Luminex | | None | | | | |
| 259 | | | | Luminex | | None | | | | |
| 262 | | | | Luminex | | None | | | | |
| 264 | | | | Luminex | | None | | | | |
| 268 | CDC | | | Luminex | | None | | | | |
| 273 | | | | Luminex | | None | | | | |
| 277 | | | | Luminex | | None | | | | |
| 284 | CDC | | | Luminex | | | | | EDTA | |
| 292 | | | | Luminex | | None | | | | |
| 293 | | | | | | | | | | |
| 294 | CDC | | | Luminex | | | | | | Adsorb out |
| 297 | CDC | | | Luminex | | None | | | | |
| 301 | | | | Luminex | | None | | | | |
| 302 | | | | Luminex | | None | | | | |
| 303 | | | | Luminex | | | | | EDTA | |
| 309 | | | | Luminex | | None | | | | |
| 311 | | | | Luminex | | | | | EDTA | |
| 315 | CDC | | | Luminex | | None | | | | |
| 318 | | | | Luminex | | None | | | | |
| 322 | | | | Luminex | | None | | | | |
| 323 | | | | Luminex | | None | | | | |
| 335 | | Flow | | Luminex | | None | | | | |

UK NEQAS for H&I Scheme 6 - HLA Antibody Detection

SAMPLES 611-615/2015 DESPATCHED ON 23RD JUNE 2015

| Lab | 611/2015 | | | | 612/2015 | | | | 613/2015 | | | | 614/2015 | | | | 615/2015 | | | | Comments |
|-----|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|---|
| | CI I | CI I | CI II | CI II | CI I | CI I | CI II | CI II | CI I | CI I | CI II | CI II | CI I | CI I | CI II | CI II | CI I | CI I | CI II | CI II | |
| | IgM | Method | IgM | Method | IgM | Method | IgM | Method | IgM | Method | IgM | Method | IgM | Method | IgM | Method | IgM | Method | IgM | Method | |
| 20 | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | |
| 38 | Negative | L | Positive | L | Negative | L | Positive | L | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | |
| 42 | Negative | | | | Negative | | | | Negative | | | | Negative | | | | Negative | | | | |
| 54 | Negative | L | Positive | L | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | 613 gave high background even after treatment with Adsorb out |
| 101 | Negative | C | | | Positive | C | | | Positive | C | | | Negative | C | | | Positive | C | | | |
| 120 | Positive | C | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | |
| 154 | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | Positive | C | | | |
| 159 | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | |
| 162 | Negative | L | Positive | L | Negative | L | Positive | L | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | 613 gave high background |
| 186 | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | |
| 194 | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | |
| 206 | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | |
| 227 | Negative | | | | Negative | | | | Negative | | | | Negative | | | | Negative | | | | |
| 238 | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | |
| 245 | Negative | | | | Negative | | | | Negative | | | | Negative | | | | Negative | | | | |
| 252 | Positive | L | Positive | L | Negative | L | Positive | L | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | |
| 268 | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | |
| 284 | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | |
| 297 | Positive | L | | | Negative | | | | Negative | | | | Negative | | | | Negative | | | | |

PLEASE NOTE: THIS COMPLETES THE DISTRIBUTIONS FOR 2015

UK NEQAS for H&I Scheme 6 - HLA Antibody Detection

SAMPLES 616-620/2015 DESPATCHED ON 23RD JUNE 2015

| Lab | 616/2015 | | | | 617/2015 | | | | 618/2015 | | | | 619/2015 | | | | 620/2015 | | | | Comments |
|-----|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|
| | CI I | CI I | CI II | CI II | CI I | CI I | CI II | CI II | CI I | CI I | CI II | CI II | CI I | CI I | CI II | CI II | CI I | CI I | CI II | CI II | |
| | IgM | Method | IgM | Method | IgM | Method | IgM | Method | IgM | Method | IgM | Method | IgM | Method | IgM | Method | IgM | Method | IgM | Method | |
| 20 | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | |
| 38 | Negative | L | Negative | L | Negative | L | Negative | L | Positive | L | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | |
| 42 | Negative | | | | Negative | | | | Negative | | | | Negative | | | | Negative | | | | |
| 54 | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | |
| 101 | Negative | C | | | Positive | C | | | Positive | C | | | Positive | C | | | Positive | C | | | |
| 120 | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | Negative | C | |
| 154 | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | |
| 159 | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | |
| 162 | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | |
| 186 | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | |
| 194 | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | Positive | C | | | |
| 206 | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | |
| 227 | Negative | | | | Negative | | | | Negative | | | | Negative | | | | Negative | | | | |
| 238 | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | |
| 245 | Negative | | | | Negative | | | | Negative | | | | Negative | | | | Negative | | | | |
| 252 | Negative | L | Negative | L | Negative | L | Negative | L | Negative | L | Positive | L | Negative | L | Negative | L | Negative | L | Negative | L | |
| 268 | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | |
| 284 | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | Negative | C | | | |
| 297 | Negative | | | | Negative | | | | Negative | | | | Negative | | | | Negative | | | | |

PLEASE NOTE: THIS COMPLETES THE DISTRIBUTIONS FOR 2015

UK NEQAS for H&I Scheme 6 - HLA Antibody Detection

SAMPLES 611-620/2015

DESPATCHED ON 23RD JUNE 2015

IgG Results - Additional Information

| Lab No. | Methods used to test these samples: | | | | | Have the samples been treated? | | | | |
|---------|-------------------------------------|------|-------|---------|-------|--------------------------------|----------|-------------------|------|-------------------|
| | CDC | Flow | ELISA | Luminex | Other | None | Dilution | Heat Inactivation | EDTA | Other |
| 20 | CDC | | | | | | | | | DTT |
| 38 | | | | Luminex | | | | | EDTA | |
| 42 | CDC | | | | | | | | | |
| 54 | | | | Luminex | | None | | | | |
| 101 | CDC | | | | | None | | | | |
| 120 | CDC | | | | | | | | | |
| 154 | CDC | | | | | | | | | 2 mercaptoethanol |
| 159 | CDC | | | | | None | | | | |
| 162 | | | | Luminex | | | | | EDTA | Adsorb out |
| 186 | CDC | | | | | None | | | | |
| 194 | CDC | | | | | | | | | DTT |
| 206 | CDC | | | | | None | | | | |
| 227 | CDC | | | | | | | | | DTT |
| 238 | CDC | | | | | | | | | DTT |
| 245 | CDC | | | | | | | | | DTT |
| 252 | | | | Luminex | | None | | | | |
| 268 | CDC | | | | | None | | | | |
| 284 | CDC | | | | | | | | | DTT |
| 297 | CDC | | | | | | | | | DTT |

UK NEQAS for H&I Scheme 6 - HLA Antibody Detection

SAMPLES 611-620/2015

DESPATCHED ON 23RD JUNE 2015

Additional CDC Results

| Lab No | %PRA Positive | Panel Size | | | 611/2015 | | | 612/2015 | | | 613/2015 | | | 614/2015 | | | 615/2015 | | |
|--------|---------------|------------|--------|-----|-----------------|-----------------|--------------|-----------------|-----------------|--------------|-----------------|-----------------|--------------|-----------------|-----------------|--------------|-----------------|-----------------|--------------|
| | | T-cell | B-cell | PBL | T-cell CDC %PRA | B-cell CDC %PRA | PBL CDC %PRA | T-cell CDC %PRA | B-cell CDC %PRA | PBL CDC %PRA | T-cell CDC %PRA | B-cell CDC %PRA | PBL CDC %PRA | T-cell CDC %PRA | B-cell CDC %PRA | PBL CDC %PRA | T-cell CDC %PRA | B-cell CDC %PRA | PBL CDC %PRA |
| 20 | >5% | 40 | | | 75 | | | 24 | | | 0 | | | 0 | | | 0 | | |
| 28 | | | | | | | | NO | | | NO | | | NO | | | NO | | |
| 42 | 10% | | | 38 | | | 3 | | | 8 | | | 3 | | | 0 | | | 0 |
| 120 | | 36 | 36 | | 6 | 90 | | 0 | 24 | | 0 | 0 | | 0 | 0 | | 0 | 0 | |
| 136 | >4% | | | | | | YES | | | YES | | | NO | | | NO | | | YES |
| 154 | >0% | | | | 0 | | | 0 | | | 0 | | | 0 | | | 38 | | |
| 159 | 10% | | | | | | | | | | | | | | | | | | |
| 186 | | | | 32 | | | 37 | | | 19 | | | NO | | | NO | | | NO |
| 206 | | | | | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 245 | 3% | 30 | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 | | |
| 268 | 5% | | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 | | |
| 294 | | | | | | | 0 | | | 0 | | | | | | 0 | | | 0 |
| 297 | 5% | | | 21 | | | 5.3 | | | 0 | | | 0 | | | 0 | | | 0 |

| Lab No | %PRA Positive | Panel Size | | | 616/2015 | | | 617/2015 | | | 618/2015 | | | 619/2015 | | | 620/2015 | | |
|--------|---------------|------------|--------|-----|-----------------|-----------------|--------------|-----------------|-----------------|--------------|-----------------|-----------------|--------------|-----------------|-----------------|--------------|-----------------|-----------------|--------------|
| | | T-cell | B-cell | PBL | T-cell CDC %PRA | B-cell CDC %PRA | PBL CDC %PRA | T-cell CDC %PRA | B-cell CDC %PRA | PBL CDC %PRA | T-cell CDC %PRA | B-cell CDC %PRA | PBL CDC %PRA | T-cell CDC %PRA | B-cell CDC %PRA | PBL CDC %PRA | T-cell CDC %PRA | B-cell CDC %PRA | PBL CDC %PRA |
| 20 | >5% | 40 | | | 0 | | | 7 | | | 0 | | | 0 | | | 0 | | |
| 28 | | | | | NO | | | NO | | | NO | | | NO | | | NO | | |
| 42 | 10% | | | 38 | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 120 | | 36 | 36 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | |
| 136 | >4% | | | | | | NO | | | NO | | | YES | | | NO | | | NO |
| 154 | >0% | | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 | | |
| 159 | 10% | | | | | | | | | | | | | | | | | | |
| 186 | | | | 32 | | | NO | | | NO | | | NO | | | NO | | | NO |
| 206 | | | | | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 245 | 3% | 30 | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 | | |
| 268 | 5% | | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 | | |
| 294 | | | | | | | 0 | | | 0 | | | | | | 0 | | | 0 |
| 297 | 5% | | | 21 | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |