

LAMP_confMatrix

**Hot
Swab-to-LAMP**

| | | CT | RT-LAMP Result | | sum |
|----------------|-----|-------|----------------|-----|-----|
| | | | pos | neg | |
| RT-qPCR Result | pos | 0-25 | 38 | 4 | 42 |
| | | 25-30 | 17 | 5 | 22 |
| | | 30-35 | 5 | 23 | 28 |
| | | 35-40 | 0 | 36 | 36 |
| | neg | neg | 1 | 214 | 215 |
| | sum | | 61 | 282 | 343 |

Hot Swab-to-LAMP

| CT | Sensitivity | 95% conf. int. | |
|-------|-------------|----------------|---------|
| 0-25 | 90.5% | 77.9% | - 96.2% |
| 25-30 | 77.3% | 56.6% | - 89.9% |
| 30-35 | 17.9% | 9.7% | - 35.6% |
| 35-40 | 0.0% | 0.0% | - 9.6% |

| Specificity | 95% conf. int. | |
|-------------|----------------|---------|
| 99.5% | 97.4% | - 99.9% |

**Direct
Swab-to-LAMP**

| | | CT | RT-LAMP Result | | sum |
|----------------|-----|-------|----------------|-----|-----|
| | | | pos | neg | |
| RT-qPCR Result | pos | 0-25 | 15 | 1 | 16 |
| | | 25-30 | 6 | 11 | 17 |
| | | 30-35 | 2 | 21 | 23 |
| | | 35-40 | 3 | 23 | 26 |
| | neg | neg | 9 | 144 | 153 |
| | sum | | 35 | 200 | 235 |

Direct Swab-to-LAMP

| CT | Sensitivity | 95% conf. int. | |
|-------|-------------|----------------|---------|
| 0-25 | 93.8% | 71.7% | - 98.9% |
| 25-30 | 35.3% | 17.3% | - 58.7% |
| 30-35 | 8.7% | 2.4% | - 26.8% |
| 35-40 | 11.5% | 4.0% | - 29.0% |

| Specificity | 95% conf. int. | |
|-------------|----------------|---------|
| 94.1% | 89.2% | - 96.9% |