Figure 1—Source Data 1. Search strategy used for MEDLINE.

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| Database: **Ovid MEDLINE® and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily**1946 to 7 August 2020 |
| **#** | **Searches** |
| 1 | exp Coronavirus/ |
| 2 | exp Coronavirus Infections/ |
| 3 | exp Betacoronavirus/ |
| 4 | (coronavirus\* or corona virus\* or betacoronavirus\* or OC43 or NL63 or 229E or HKU1 or HcoV\* or ncov\* or covid\* or sars-cov\* or sarscov\* or Sars-coronavirus\* or Severe Acute Respiratory Syndrome\* or sudden acute respiratory syndrome\*).tw,kf. |
| 5 | (2019nCov\* or 2019-novel CoV or corona or covid19 or ((novel or new or nouveau) adj2 (CoV or Pandemi\*))).tw,kf. |
| 6 | (pneumonia.tw,kf. Or exp pneumonia/) and (Wuhan or Hubei).tw,kf. |
| 7 | COVID-19.rx,px,ox. Or severe acute respiratory syndrome coronavirus 2.os. |
| 8 | exp Influenza A Virus, H1N1 Subtype/ |
| 9 | (“A/H1N1\*” or H1N1\* or pdm09 or ((influenza or virus or pandemic) adj4 “2009”) or influenza A or swine flu).tw,kf. |
| 10 | 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 |
| 11 | ((respiratory adj3 (specimen\* or sample\* or swab\*)) or sputum or nares or endotrachea\* or endotrache\* or endotra\* or ((nasal or oral\* or throat) adj3 (swab\* or sample\* or smear\* or specimen\*)) or NPS or OPS or ((endotrachea\* or endotracheal\*) adj2 aspirat\*) or NPA or ETA or (deep adj4 saliva) or POS or “swab sample\*” or “flocked swab\*”).tw,kf. |
| 12 | Nasal cavity/vi |
| 13 | Sputum/vi |
| 14 | Nasopharynx/vi |
| 15 | Oropharynx/vi |
| 16 | \*Saliva/vi |
| 17 | Pharynx/vi |
| 18 | (clinical adj2 (sample\* or specimen\*)).tw,kf. |
| 19 | (“RT-PCR” or “RTPCR” or “ddPCR” or “polymerase chain reaction”).tw,kf. |
| 20 | Influenza, Human/vi |
| 21 | exp Coronavirus Infections/vi or exp Coronavirus/vi or exp Betacoronavirus/vi |
| 22 | polymerase chain reaction/ or multiplex polymerase chain reaction/ or real-time polymerase chain reaction/ or reverse transcriptase polymerase chain reaction/ |
| 23 | 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 |
| 24 | 10 and 23 |
| 25 | (vir\* load\* or vir\* shed\* or vir\* burden or vir\* titer\* or vir\* titre\* or (vir\* adj2 count\*)).tw,kf. |
| 26 | (((copies or copy) adj2 (ml\* or milli\* or microl\*)) or ((RNA\* or vir\*) adj2 concentration\*)).tw,kf. |
| 27 | ((calibration adj1 curve\*) or (standard adj1 curve\*)).tw,kf. |
| 28 | ((ct\* adj1 value\*) or cycle threshold or (copies adj2 test\*) or (copy adj2 test\*) or ((copy or copies) adj2 number\*)).tw,kf. |
| 29 | Viral load/ |
| 30 | Viral shedding/ |
| 31 | (“copy/m\*” or “copies/m\*” or “copy/test\*” or “copies/test\*”).tw,kf. |
| 32 | ((test or diagnos\*) adj2 sensitiv\*).tw,kf. |
| 33 | 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 |
| 34 | 24 and 33 |
| 35 | animals/ not humans/ |
| 36 | 34 not 35 |