

SUPPLEMENTAL MATERIAL

List S1: SARS CoV-2 ELISA tests used for serology testing.

- Chimiluminescence Architect Abbott Elecsys : SARS-CoV-2 IgG (Abbott Laboratories, Abbott Park, USA)
- ELISA SARS COv2 IgG Euroimmun (HUS) : ELISA anti-SARS-CoV-2 IgG (Euroimmun, Lübeck, Germany)
- ECLIA Elecsys anti SARS Cov2 Roche Cobas: Anti-SARS-CoV-2 (Roche Diagnostic GmbH, Mannheim, Germany)
- Orient Gene Biotech COVID-19 IgG/IgM Rapid Test Cassette (Orient Gene Biotech, Zhejiang, China)
- Immunochromatography Biosynex : Biosynex COVID-19 BSS (Biosynex, Fribourg, Switzerland)
- Immunoenzymatic assay Vidas Biomérieux : VIDAS Anti-SARS CoV-2 IgG and IgM (BioMérieux, Marcy-l'Etoile, France)
- CLIA Maglumi ; MAGLUMI 2019 nCov IgM and IgG (SNIBE - Shenzhen New Industries Biomedical Engineering, Shenzhen, China)
- EIA technic Biorad ; Platelia SARS-CoV-2 Total Ab method (Bio-Rad, HERCULES, USA)

Survey S1: Surveys sent to the kidney transplant recipients

Name...

Date of birth...

1. Have you been tested for naso-pharyngeal Covid RT-PCR ?

a. In which Laboratory ?.....

b. When ?.....

c. Result? ☐ positive ☐ negative

2. Have you been in contact with a known Covid+ person ?

☐ yes ☐ no

If yes, who and precise if you live in the same household ?

.....

3. Did you have symptoms ?

☐ yes ☐ no

If yes:

a. When ?.....

b. Fever ? ☐ yes ☐ no

c. Myalgia ? ☐ yes ☐ no

d. Headaches ? ☐ yes ☐ no

e. Cough ? ☐ yes ☐ no

f. Rhinitis ? ☐ yes ☐ no

g. Breathing difficulties ? ☐ yes ☐ no

h. Diarrhea ? ☐ yes ☐ no

i. Vomiting ? ☐ yes ☐ no

j. Loss of taste ? ☐ yes ☐ no

k. Loss of smell ? ☐ yes ☐ no

l. Unusual skin signs ? ☐ yes ☐ no

If yes, precise.....

4. Have you done a blood test for Covid-19 suspicion ? ☐ yes ☐ no

If yes

a. In which Laboratory ?.....

b. When ?.....

5. Have you done an X-Ray of CT scan for Covid-19 suspicion ? ☐ yes ☐ no

If yes

a. In which radiology department ?.....

b. When ?.....

6. Have you been hospitalized for Covid-19? ☐ yes ☐ no

If yes

a. In which Hospital ?.....

b. When ?.....

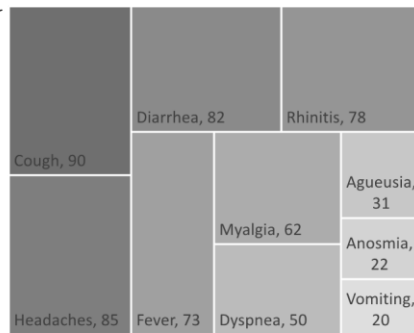
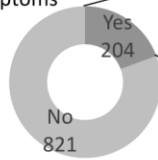
Table S1: Sensitivity, specificity, positive predictive value and negative predictive value of each symptoms suggestive of Covid-19 in KTR. N=780 patients, in whom 728 had no Covid-19 and 52 had Covid-19 (diagnosed by SARS-CoV-2 RT-PCR, typical lung abnormalities on CT scan, or positive SARS-CoV-2 serology).

Symptoms	Sensitivity	Specificity	PPV	NPV
Fever	65.0	65.7	41.3	83.5
Diarrhea	59.0	57.3	34.3	78.7
Headaches	41.5	49.0	23.9	68.4
Myalgia	35.0	63.6	26.4	72.3
Vomitis	33.3	88.1	15.4	72.9
Cough	32.5	40.7	16.9	61.2
Ageusia/anosmia	30.0	87.0	48.0	75.6
Dyspnea	29.3	68.3	27.3	70.4
Rhinitis	17.5	44.8	10.8	58.7

Figure S1: Clinical symptoms and history of contact with a confirmed case of Covid-19 in the entire cohort of kidney transplant recipients (n = 1025)

Supplemental Figure 1

Symptoms



Contact

