

Health sector list of immediate needs for the Republic of Tajikistan as humanitarian assistance in response to COVID-19 (as of April 07, 2020)*

*The list will be updated depending on the COVID-19 scenario/phase

| № | Description of item required | Unit | Required q-ty |
|--|--|-------|---------------|
| Laboratory tests systems and reagents | | | |
| 1 | TEST systems for PCR determination of COVID-19 ¹ | kit | 2000 |
| 2 | Revert-L for reverse transcription (cDNA) | set | 2000 |
| 3 | Riboprep for RNA isolation | set | 2000 |
| 4 | VTM, 5 ml, research unit | pcs | 200000 |
| Laboratory equipment | | | |
| 5 | PCR laboratory, complete set (WHO standard) - for level II laboratory ² | pcs | 5 |
| 6 | Autoclave 50 liter | pcs | 100 |
| 7 | Vacuum suction for suction 5 of the supernatant | pcs | 10 |
| 8 | Incinerator | pcs | 10 |
| 9 | Specialized machine for transporting tests of virus-infected patients | комп | 10 |
| 10 | Cooler bag | pcs | 1000 |
| 11 | Refrigerator - freezer -25-16 | pcs | 10 |
| 12 | Refrigerator - freezer -20 | pcs | 20 |
| 13 | Refrigerator - freezer -70 | pcs | 20 |
| 14 | 2-chamber refrigerator | pcs | 20 |
| 15 | Hemocontainers CPD/SAGM450/300 | pcs | 50000 |
| 16 | Swabs for taking smears | pcs | 200000 |
| Consumables | | | |
| 17 | PCR consumables ³ | | 100000 |
| 18 | Disposable blood transfusion system | pcs | 50000 |
| 19 | Disposable system for transfusion of solutions | pcs | 200000 |
| 20 | Angiocatheters of different sizes | pcs | 50000 |
| 21 | Gastric tubes of different sizes | pcs | 10000 |
| 22 | Infusomat line | pcs | 10000 |
| 23 | Endotracheal tubes with cuff size 6-8 | pcs | 10000 |
| 24 | Tracheostomy tubes with a cuff | pcs | 10000 |
| 25 | Set for catheterization of the subclavian artery and vein | pcs | 50000 |
| 26 | Foley catheters, different sizes | pcs | 10000 |
| PPEs | | | |
| 27 | Inspection gloves, non-sterile | pcs | 1000000 |
| 28 | Surgical, sterile gloves | pairs | 1000000 |
| 29 | Face shield | pcs | 500000 |
| 30 | Respirator, type N95 | pcs | 500000 |
| 31 | Medical mask | pcs | 5000000 |
| 32 | Protective clothing with a hood (DuPont 500J) (coverall) | pcs | 500000 |

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|--------------------------|--|-------|---------|
| 33 | Apron, for heavy-duty use | pcs | 500000 |
| 34 | Disposable medical gown | pcs | 1000000 |
| 35 | Protective glasses | pcs | 500000 |
| 36 | Hand treatment, alcohol, 1000 ml | vial | 100000 |
| 37 | Thermoscanner, remote non-contact thermometer | pcs | 2000 |
| Disinfectants | | | |
| 38 | Chlorine (at least 33% activity) | kg | 5000 |
| 39 | Calcium hypochlorite 65% | kg | 500000 |
| 40 | Disinfectant solutions, with a capacity of 1 liter | litre | 100000 |
| Medical equipment | | | |
| 41 | Acid-alkaline analyzer (electrolytes and blood gases) with consumables for 250 analyzes | set | 10 |
| 42 | Mechanical ventilation, a full set | set | 500 |
| 43 | Bactericidal UV-radiation, portable | set | 500 |
| 44 | Complete video bronchoscope, including suction and apparatus High-frequency electrosurgical units | set | 20 |
| 45 | Portable glucometer | set | 500 |
| 46 | Deactivator - Air Purifier | set | 100 |
| 47 | Defibrillator | set | 200 |
| 48 | Infusion pump | set | 200 |
| 49 | Oxygen stations for refueling | set | 10 |
| 50 | Oxygen Concentrator 8-10l / m | set | 100 |
| 51 | Functional 3-section bed with a mattress against bedsores | set | 100 |
| 52 | Laryngoscope (for adults, children and neonatal) included | set | 600 |
| 53 | Ambu bag with silicone masks for adults, children and neonatal | set | 600 |
| 54 | Mobile x-ray machine, digital, with printer | set | 20 |
| 55 | Patient monitor with basic parameters | set | 500 |
| 56 | Steam Sterilizer 50-75 Liters | set | 20 |
| 57 | Plasma defroster | set | 100 |
| 58 | Cutter for needles | set | 20 |
| 59 | Intravenous infusion stand | set | 100 |
| 60 | Trolley for transporting patients | set | 100 |
| 61 | Food transport trolley | set | 100 |
| 62 | Ultrasound portable Doppler with convex, linear and cardiological sensors, cart and printer | set | 100 |
| 63 | Surgical suction (aspirator) with two containers | set | 500 |

¹ A kit for 100 tests and includes a control test

² Biosafety Cabinet class II; Centrifuge, cooled; Centrifuge, simple; Computer for laboratory work (2); Incubator; Microfuge; Micropipette 1-5ml; Micropipette 20 µl; Micropipette 200- 1000µl; Micropipette 5- 50µl; Micropipette 50- 200µl; PCR working station; Printer for laboratory work; Thermal cycler (Thermocycler, PCR Machine or DNA Amplifier), Real Time; Vortex; Water distiller; PCR-Machine

³ Plastic tubes (0.2 ml, 0.5 ml, 1.5 ml, 15 ml, 50 ml); 96-well microplates (if necessary); Tips for dispensers (volume up to 10 µl, up to 200 µl, up to 1000 µl); Tips with a filter (volume up to 10 µl, up to 200 µl, up to 1000 µl); Tris (1 M), pH 8.0, RNase-free; RT-PCR Grade Water; RNeasy Mini Kit (250); DISINFECTANT VIRUCIDAL (Virkon) , 50 g, 5 l solution / tab, pack-50 Park Scientific; DECONTAMINATION SOLUTION (RNase ERASE), in spray, 250mL, bottle OR Rnase decontamination RTU solution 250ml spray

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| 64 | Electrocardiograph (complete with thermal paper 10 rolls) | set | 100 |
| Medicine | | | |
| 65 | Oseltamivir (Tamiflu) 75 mg - capsule | pckg | 50000 |
| 66 | Ribaverin 200 mg capsule | pckg | 50000 |
| 67 | Arbidol 100 mg - capsule | pckg | 50000 |
| 68 | Levofloxacin 100 ml, injection. | vial | 50000 |
| 69 | Sodium chloride 0.9%, 500 ml, solution for infusion | vial | 50000 |
| 70 | Ringer-lactate solution, 500 ml, solution for infusion | vial | 50000 |
| 71 | Dextrose (Glucose) 5%, 500ml, solution for infusion | vial | 50000 |
| 72 | Fluconazole 200 mg, solution for infusion | vial | 50000 |
| 73 | Azithromycin 200mg / 5ml, suspension | vial | 60000 |
| 74 | Arduan (Pipecuronium bromide) -4mg solution | box | 25000 |
| 75 | Theopental sodium 500 mg, 1 g, 2 g powder for injection | vial | 25000 |
| 76 | Propofol-10mg / 50 ml vial | vial | 25000 |
| 77 | Aminophyllin (Euphyllin) -2.4% 10ml, ampoule | box | 50000 |
| 78 | Furosemide (Lasix), ampoule | box | 20000 |
| 79 | Epinephrine (Adrenaline) ampoule | box | 10000 |
| 80 | Dexamethasone, 4mg / ml, 1ml, ampoule, vial | box | 60000 |
| 81 | Atropine sulfate - 001% ampoule | box | 10000 |
| 82 | Dopamine, solution | box | 10000 |
| 83 | Tranexamic acid, ampoule, tablet | box | 5000 |
| 84 | Suxamethonium (Dithilin) 1% solution | box | 10000 |
| 85 | Fentanyl 0.005% vial | box | 10000 |
| 86 | Diazepam-10 mg / 2 mg ampoule | box | 15000 |
| 87 | Ampiox, 500 mg | vial | 200000 |
| 88 | Ampicillin, 1000 mg | vial | 200000 |
| 89 | Sodium bicarbonate 7.5%, 100 ml | vial | 20000 |
| 90 | Norepinephrine (Noradrenaline), ampoule | box | 10000 |
| 91 | Metronidazole 200 mg solution, 100 ml | vial | 50000 |
| 92 | Paracetamol 100 mg injection | vial | 50000 |
| 93 | Salbutamol 15ml, aerosol | vial | 30000 |
| 94 | Prednisolone 5 mg, tablet | pckg | 10000 |
| 95 | Chlorhexidine 1.5% solution | vial | 50000 |
| 96 | Chlorpromazine 25mg tablet | pckg | 10000 |
| 97 | Calcium gluconate 10% 10ml, ampoule | box | 10000 |
| 98 | Ceftriaxone 1g | vial | 200000 |
| 99 | Hydroxychloroquine 250 mg | pckg | 50000 |
| 100 | Delagil 250mg | pckg | 2000 |
| 101 | Azithromycin 500mg | pckg | 50000 |
| 102 | Lopinovir 200mg | pckg | 50000 |
| Equipment for the operational center | | | |
| 103 | Monoblock 21.5" HP 200 G3 Windows 10 Pro + Microsoft Office 2016 | pcs | 30 |
| 104 | High speed internet | pcs | 12 |
| 105 | Printer Canon MF3010 3 в 1 | pcs | 7 |

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| 106 | TV LG 65UK6300 | pcs | 6 |
| 107 | DELL INSPIRON 3581 Windows 10 Pro + Microsoft Office 2016 | pcs | 16 |
| 108 | HDMI cable 15 метр | meter | 90 |
| 109 | HDMI splitter 8 port | pcs | 6 |
| 110 | Video conferencing software for 150 points | | 1 |
| 111 | Wireless microphone with control unit | pcs | 29 |
| 112 | Projector EPSON | pcs | 6 |
| 113 | PTZ-camera | pcs | 6 |
| 114 | Installation, configuration and training in all selected districts | set | |
| 115 | Mini ATC PANASONIC | pcs | 1 |
| 116 | Fixed internet | set | |
| 117 | Landline telephone | set | 4 |