

## Swiss Tropical and Public Health Institute, Basel, Switzerland Diagnostic Centre

General fees	CHF
Handling fee (once per order)	24.00
Emergency fee (only in case of emergency examinations)	50.00

### Serological analysis (1-2 ml serum)

#### Screening tests for tissue helminth infections (ELISA: IgG detection, IFAT: IgA/M/G)

If screening test (ELISA) is positive, confirmation test is performed and invoiced in addition.

Test	CHF
<b>Helminth test "Europe"</b> (without stay in a tropical country): Fasciolosis, Strongyloidosis, Toxocarosis, Trichinellosis	155.50
<b>Helminth test "Tropics"</b> (with stay in a tropical country): Fasciolosis, Strongyloidosis, Toxocarosis, Trichinellosis, Filariasis, Schistosomiasis	249.50
<b>Echinococcosis screening:</b> E.granulosus ELISA, E.multilocularis ELISA, Echinococcosis Western Blot	174.00

#### Single tests for tissue helminth infections (ELISA: IgG, IFAT: IgA/M/G, Western Blot: IgG, antigen detection)

If screening test (ELISA) is positive, confirmation test is performed and invoiced in addition.

Test	CHF
Angiostrongyliasis (eosinophilic meningitis, Western Blot)	82.00
Anisakiasis (Western Blot)	82.00
Cysticercosis ( <i>Taenia solium</i> , Western Blot)	82.00
Cysticercosis (circulating antigen detection ELISA, therapy control in case of $\geq 3$ cysticerci)	47.00
<b>Echinococcus granulosus serology (dog-tapeworm):</b>	
<i>E.granulosus</i> (ELISA)	42.00
<i>E.granulosus</i> , confirmation test (IHA)	42.00
Echinococcosis Western Blot ( <i>E.multilocularis</i> / <i>E.granulosus</i> , fox-tapeworm/dog-tapeworm)	85.00
<b>Echinococcus multilocularis serology (fox-tapeworm):</b>	
<i>E. multilocularis</i> Em2-plus (ELISA)	47.00
<i>E. multilocularis</i> Em18, confirmation test (ELISA)	47.00
Echinococcosis Western Blot ( <i>E.multilocularis</i> / <i>E.granulosus</i> , fox-tapeworm/dog-tapeworm)	85.00
Fasciolosis (ELISA)	42.00
Fasciolosis, confirmation test (IFAT)	42.00
Filariasis (ELISA)	47.00
Filariasis confirmation test (IFAT)	47.00
Filariasis: <i>Brugia malayi</i> and <i>Brugia timori</i> (IgG4 detection)	47.00
Filariasis: <i>Wuchereria bancrofti</i> (antigen detection)	33.00
Gnathostomiasis (Western Blot)	82.00
Paragonimiasis (Western Blot)	82.00
Schistosomiasis (ELISA)	47.00
Schistosomiasis, confirmation test (IFAT)	47.00
Strongyloidiasis (ELISA)	49.00
Strongyloidiasis, confirmation test (ELISA)	49.00
Toxocariasis (ELISA)	42.00
Trichinellosis (ELISA)	47.00
Trichinellosis, confirmation test (IFAT)	47.00
Tissue helminths: IgE detection for corresponding parasite upon request, serum	72.00

#### Single tests for Protozoan infections (ELISA: IgG detection, IFAT: IgA/M/G detection)

Test	CHF
<i>Entamoeba histolytica</i> , Amoebiasis, invasive (ELISA)	29.00
<i>Entamoeba histolytica</i> , Amoebiasis, invasive, confirmation test (IFAT)	42.00
<i>Leishmania</i> spp., Leishmaniasis visceral (IFAT)	42.00
<i>Plasmodium</i> spp., Malaria (ELISA)	42.00
<i>Plasmodium</i> spp., Malaria, confirmation test (IFAT)	42.00
<i>Trypanosoma brucei</i> , African Trypanosomes, Sleeping Sickness (IFAT)	47.00
<i>Trypanosoma cruzi</i> , American Trypanosomes, Chagas (ELISA)	47.00
<i>Trypanosoma cruzi</i> , American Trypanosomes, Chagas, confirmation test (IFAT)	47.00

**Single tests for Bacterial infections (ELISA: IgG and/or IgM detection, IFAT: IgG and/or IgM detection)**

Test	CHF
<i>Borrelia</i> spp. (relapsing fever, lyme disease) IgM (external analysis)	47.00
<i>Borrelia</i> spp. (relapsing fever, lyme disease) IgG (external analysis)	17.40
<i>Brucella</i> spp. screening (external analysis)	29.00
<i>Coxiella burnetii</i> (Q-Fever) IgM Phase II or Phase I (external analysis)	47.00
<i>Coxiella burnetii</i> (Q-Fever) IgG Phase II or Phase I (external analysis)	42.00
<i>Coxiella burnetii</i> (Q-Fever) IgA Phase II or Phase I (external analysis)	47.00
<i>Leptospira interrogans</i> , IgM (external analysis)	35.00
<i>Leptospira interrogans</i> , IgG (external analysis)	35.00
<i>Orientia tsutsugamushi</i> , <i>Scrub Typhus Group</i> , IgM (external analysis)	47.00
<i>Orientia tsutsugamushi</i> , <i>Scrub Typhus Group</i> , IgG (external analysis)	42.00
<i>Rickettsia typhi</i> , Typhus Fever group, IgG (external analysis)	42.00
<i>Rickettsia rickettsii</i> , Spotted Fever Group, IgG (external analysis)	42.00

**Screening test for Flavivirus infections (IFAT: IgM and IgG, quantitative)**

Test	CHF
Flavivirus panel, IgM (Dengue Type 1, 2, 3, 4, TBEV (FSME), JEV, WNV, YFV)	165.00
Flavivirus panel, IgG (Dengue Type 1, 2, 3, 4, TBEV (FSME), JEV, WNV, YFV)	210.00

**Single tests for Viral infections (ELISA: IgG and/or IgM, IgA detection, IFAT: IgG and/or IgM detection)**

Test	CHF
Chikungunya Virus IgM (IFAT, external analysis)	33.00
Chikungunya Virus IgG (IFAT, external analysis)	42.00
Dengue Duo, detection of IgM, IgG and NS-1 antigen (RDT)	62.00
Dengue Virus Type 1, 2, 3 and 4, IgM (IFAT, external analysis)	33.00
Dengue Virus Type 1, 2, 3 and 4, IgG (IFAT, external analysis)	42.00
Japanese Encephalitis Virus (JEV) IgM (IFAT, external analysis)	33.00
Japanese Encephalitis Virus (JEV) IgG (IFAT, external analysis)	42.00
SARS-CoV-2 IgA (ELISA)	42.00
SARS-CoV-2 IgM (ELISA)	42.00
SARS-CoV-2 IgG (ELISA)	42.00
SARS-CoV-2 IgG (ELISA CHF 25.00 + handling fee CHF 24.00) Beprobungsstrategie BAG, 24.06.2020	49.00
West Nile Virus (WNV) IgM (IFAT, external analysis)	33.00
West Nile Virus (WNV) IgG (IFAT, external analysis)	42.00
Yellow fever virus (YFV) IgM (IFAT, external analysis)	33.00
Yellow fever virus (YFV) IgG (IFAT, external analysis)	42.00
Zika Virus IgM (IFAT, external analysis)	33.00
Zika Virus IgG (IFAT, external analysis)	42.00

**Molecular analysis (PCR)**

Test	CHF
<b>Gastro-acute multiplex PCR</b> (pathogenic Protozoa, Bacteria and Viruses): Cryptosporidium spp., Cyclospora cayetanensis, Entamoeba histolytica, Giardia lamblia, Campylobacter spp. (C. jejuni/coli/upsalensis), Clostridium difficile toxin A/B, EAEC, EIEC/Shigella, EPEC, ETEC lt/st, Plesiomonas shigelloides, Salmonella spp., STEC stx1/stx2 (shigella-like toxin producing E. coli), STEC serovar O157:H7, Vibrio cholerae, Vibrio parahaemolyticus, Vibrio vulnificus, Yersinia enterocolitica, Adenovirus F40/41, Astrovirus, Norovirus GI/GII, Rotavirus A, Sapovirus.	292.00
<b>Protozoa (intestinal) panel PCR:</b> Blastocystis hominis, Cyclospora cayetanensis, Cystoisospora belli, Cryptosporidium spp., Entamoeba histolytica, E. dispar, E. polecki, E. moshkovskii, Dientamoeba fragilis, Giardia lamblia, Enterocytozoon bienewisi, Encephalitozoon spp.	399.00
<b>Helminth (intestinal) multiplex PCR:</b> Ascaris spp., Ancylostoma spp., Enterobius vermicularis, Hymenolepis spp., Necator americanus, Strongyloides spp., Taenia spp, Trichuris trichuria.	292.00
<b>Respiratory SARS-CoV-2 multiplex PCR:</b> Adenovirus, Bocavirus, Cononavirus 229E, Coronavirus HKU1, Coronavirus NL63, Coronavirus OC43, Human Metapneumovirus A+B, Influenza A, Influenza A H1, Influenza A H1N1 pdm09, Influenza A H3, Influenza B, Parainfluenza virus 1, Parainfluenza virus 2, Parainfluenza virus 3, Parainfluenza virus 4, Respiratory Syncytial Virus A+B, Rhinovirus/Enterovirus, SARS-CoV-2, Bordetella pertussis, Legionella pneumophila, Mycoplasma pneumoniae.	292.00

**Parasites:**

<i>Acanthamoeba</i> spp. (tissue, biopsy, CSF), (external analysis)	133.00
<i>Blastocystis hominins</i> (fresh stool)	133.00
<i>Blastocystis hominins</i> (subtype differentiation - sequencing)	133.00
Coccidia spp. Panel PCR (differentiation <i>Cryptosporidium</i> spp., <i>Cyclospora</i> sp, <i>Cystoisospora belli</i> )	239.00
<i>Dientamoeba fragilis</i> (fresh stool)	133.00
<i>Entamoeba</i> spp. Panel PCR (differentiation <i>Entamoeba histolytica</i> / <i>E.dispar</i> / <i>E.moshkovskii</i> / <i>E.polecki</i> ) (fresh stool, puncture fluid)	186.00
<i>Giardia lamblia</i> (fresh stool)	133.00
<i>Leishmania</i> spp. screening PCR, qualitative (biopsy, BM, EDTA-blood, bone marrow)	133.00
<i>Leishmania</i> spp. screening PCR, quantitative (EDTA-blood)	133.00
<i>Leishmania</i> , species differentiation - sequencing	133.00
Microsporidia Panel PCR, (differentiation <i>E. bieneusi</i> , <i>Encephalitozoon</i> spp., <i>Vittaforma corneae</i> )	186.00
<i>Plasmodium</i> spp., Malaria, screening-PCR LAMP (EDTA-blood)	133.00
<i>Plasmodium</i> spp., Malaria panel PCR, species differentiation ( <i>P.falciparum</i> , <i>P.vivax</i> , <i>P.ovale</i> , <i>P.malariae</i> , <i>P.knowlesi</i> )	292.00
<i>Schistosoma</i> spp. PCR (differentiation <i>Schistosoma</i> spp., <i>S. mansoni</i> , <i>S. haematobium</i> ) (fresh stool, biopsy)	186.00
<i>Schistosoma</i> spp. PCR (differentiation <i>S.mansoni</i> , <i>S.haematobium</i> ) (serum)	186.00
<i>Strongyloides stercoralis</i> (fresh stool)	133.00
<i>Trypanosoma cruzi</i> , Chagas (cord blood, acute infection: EDTA-blood)	133.00
<i>Trypanozoon</i> spp., Sleeping sickness (differentiation <i>Trypanozoon</i> spp., <i>Trypanosoma brucei gambiense</i> , <i>Trypanosoma brucei rhodesiense</i> ) (EDTA-blood, CSF)	186.00
Pan-Helminth PCR - sequencing (piece of parasite required)	133.00

**Bacteria:**

<i>Borrelia</i> spp. (external analysis)	133.00
<i>Brucella</i> spp. (external analysis)	133.00
<i>Burkholderia pseudomallei</i> (external analysis)	133.00
<i>Coxiella burnetii</i> (Q-Fever) (external analysis)	133.00
<i>Leptospira</i> spp. (external analysis)	133.00
<i>Mycobacterium ulcerans</i> , Buruli ulcer	133.00
<i>Orientia tsutsugamushi</i> (external analysis)	133.00
<i>Rickettsia</i> spp (external analysis)	133.00

**Viruses:**

Chikungunya Virus (external analysis)	133.00
Dengue Virus (external analysis)	133.00
Japanese Encephalitis Virus (JEV), (external analysis)	133.00
<b>SARS-CoV-2</b> (PCR CHF 82.00 + handling fee CHF 24.00) Beprobungsstrategie BAG, 24.06.2020	106.00
West Nile Virus (WNV), (external analysis)	133.00
Yellow Fever Virus (YFV), (external analysis)	133.00
Zika Virus (external analysis)	133.00

**Parasitological analysis:****Blood with EDTA (5 ml)**

Test	CHF
Malaria ( <i>Plasmodium</i> spp.)	91.00
Microfilaria	45.00
Babesia	91.00
Malaria RDT (Rapid Diagnostic Test)	9.00

**Fresh stool sample, size of apricot, ship by Express (recommended for helminths):**

Test	CHF
Protozoa and helminths	91.00
Helminths	45.00
<i>Strongyloides stercoralis</i> (culture)	46.00
<i>Strongyloides stercoralis</i> (Baermann concentration)	45.00

**Stool sample in SAF (sodium acetate-acetic acid-formalin):**

Tubes with SAF solution will be provided for free

Recommendation: asymptomatic patients 1-2 stool samples, symptomatic patients 3 stool samples

Test	CHF
Protozoa and helminths	91.00
Protozoa	45.00
Helminths	45.00
Cryptosporidium and Cyclospora	45.00
Cystoisospora belli	45.00
Microsporidia	45.00
Giardia, antigen detection (therapy control)	33.00

**Special tests, identification of parasites:**

Test	CHF
Identification of parasites/bacteria, microscopy (isolated parasite, blood, biopsy)	29.00
Pinworm eggs ( <i>E.vermicularis</i> ): transparent adhesive tape	29.00
Schistosoma eggs (whole urine sample from late morning), 50 ml	36.00
Schistosoma circulating cathodic antigen (CCA) detection, 10 ml urine	33.00
Duodenal fluid, punctate, CSF	45.00
Biopsy	45.00