

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

| General fees | CHF |
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| Handling fee (once per order) | 21.60 |
| Emergency fee (only in case of emergency examinations) | 45.00 |

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 |
|---|--------|
| Helminth test "Europe" (without stay in a tropical country): Fasciolosis, Strongyloidosis, Toxocarosis, Trichinellosis | 162.00 |
| Helminth test "Tropics" (with stay in a tropical country): Fasciolosis, Strongyloidosis, Toxocarosis, Trichinellosis, Filariasis, Schistosomiasis | 246.60 |
| Echinococcus screening: E.granulosus ELISA, E.multilocularis ELISA, Echinococcosis Western Blot | 156.60 |

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) | 73.80 |
| Anisakiasis (Western Blot) | 73.80 |
| Cysticercosis (<i>Taenia solium</i> , Western Blot) | 73.80 |
| Cysticercosis (circulating antigen detection ELISA, therapy control in case of ≥ 3 cysticerci) | 42.30 |
| Echinococcus granulosus serology (dog-tapeworm): | |
| <i>E.granulosus</i> (ELISA) | 37.80 |
| Echinococcosis Western Blot (<i>E.multilocularis/E.granulosus</i> , fox-tapeworm/dog-tapeworm) | 76.50 |
| Echinococcus multilocularis serology (fox-tapeworm): | |
| <i>E. multilocularis</i> Em2-plus (ELISA) | 42.30 |
| <i>E. multilocularis</i> Em18, confirmation test (ELISA) | 42.30 |
| Echinococcosis Western Blot (<i>E.multilocularis/E.granulosus</i> , fox-tapeworm/dog-tapeworm) | 76.50 |
| Fasciolosis (ELISA) | 37.80 |
| Fasciolosis, confirmation test (IFAT) | 37.80 |
| Filariasis (ELISA) | 42.30 |
| Filariasis confirmation test (IFAT) | 42.30 |
| Filariasis: <i>Brugia malayi</i> and <i>Brugia timori</i> (IgG4 detection) | 42.30 |
| Filariasis: <i>Wuchereria bancrofti</i> (antigen detection) | 29.70 |
| Gnathostomiasis (Western Blot) | 73.80 |
| Paragonimiasis (Western Blot) | 73.80 |
| Schistosomiasis (ELISA) | 42.30 |
| Schistosomiasis, confirmation test (IFAT) | 42.30 |
| Strongyloidiasis (ELISA) | 44.10 |
| Strongyloidiasis, confirmation test (ELISA) | 44.10 |
| Toxocariasis (ELISA) | 37.80 |
| Trichinellosis (ELISA) | 42.30 |
| Trichinellosis, confirmation test (IFAT) | 42.30 |
| Tissue helminths: IgE detection for corresponding parasite upon request, serum | 64.80 |

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

| Test | CHF |
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| <i>Entamoeba histolytica</i> , Amoebiasis, invasive (ELISA) | 26.10 |
| <i>Entamoeba histolytica</i> , Amoebiasis, invasive, confirmation test (IFAT) | 37.80 |
| <i>Leishmania</i> spp., Leishmaniasis visceral (IFAT) | 37.80 |
| <i>Plasmodium</i> spp., Malaria (ELISA) | 37.80 |
| <i>Plasmodium</i> spp., Malaria, confirmation test (IFAT) | 37.80 |
| <i>Trypanosoma brucei</i> , African Trypanosomes, Sleeping Sickness (IFAT) | 42.30 |
| <i>Trypanosoma cruzi</i> , American Trypanosomes, Chagas (ELISA) | 42.30 |
| <i>Trypanosoma cruzi</i> , American Trypanosomes, Chagas, confirmation test (IFAT) | 42.30 |

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

| Test | CHF |
|---|-------|
| <i>Brucella</i> spp. IgA (external analysis), always together with IgG and IgM | 31.50 |
| <i>Brucella</i> spp. IgM (external analysis), always together with IgA and IgG | 31.50 |
| <i>Brucella</i> spp. IgG (external analysis), always together with IgA and IgG | 31.50 |
| <i>Coxiella burnetii</i> (Q-Fever) IgM Phase II and Phase I (external analysis), each 42.30 CHF, always together with IgG | 84.60 |
| <i>Coxiella burnetii</i> (Q-Fever) IgG Phase II and Phase I (external analysis), each 37.80 CHF, always together with IgM | 75.60 |
| <i>Leptospira interrogans</i> , IgM, always together with IgG | 31.50 |
| <i>Leptospira interrogans</i> , IgG, always together with IgM | 31.50 |
| <i>Rickettsia typhi</i> and <i>Rickettsia rickettsii</i> , IgM, each 42.30 CHF, always together with IgG | 84.60 |
| <i>Rickettsia typhi</i> and <i>Rickettsia rickettsii</i> , IgG, each 37.80 CHF, always together with IgM | 75.60 |

Screening test for Flavivirus infections other than Dengue (IFAT: IgM and IgG, quantitative)

| Test | CHF |
|---|--------|
| Flavivirus panel, IgM (FSME, JEV, WNV, YFV), always together with IgG | 118.80 |
| Flavivirus panel, IgG (FSME, JEV, WNV, YFV), always together with IgM | 151.20 |

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

| Test | CHF |
|--|-------|
| Chikungunya Virus IgM (IFAT), always together with IgG | 29.70 |
| Chikungunya Virus IgG (IFAT), always together with IgM | 37.80 |
| Dengue Duo, detection of IgM, IgG and NS-1 antigen (RDT) | 55.80 |
| Dengue Virus Type 1, 2, 3 and 4, IgM (IFAT), always together with IgG | 59.40 |
| Dengue Virus Type 1, 2, 3 and 4, IgG (IFAT), always together with IgM | 75.60 |
| Japanese Encephalitis Virus (JEV) IgM (IFAT), always together with IgG | 29.70 |
| Japanese Encephalitis Virus (JEV) IgG (IFAT), always together with IgM | 37.80 |
| West Nile Virus (WNV) IgM (IFAT), always together with IgG | 29.70 |
| West Nile Virus (WNV) IgG (IFAT), always together with IgM | 37.80 |
| Yellow fever virus (YFV) IgM (IFAT), always together with IgG | 29.70 |
| Yellow fever virus (YFV) IgG (IFAT), always together with IgM | 37.80 |
| Zika Virus IgM (IFAT), always together with IgG | 29.70 |
| Zika Virus IgG (IFAT), always together with IgM | 37.80 |

Molecular analysis (PCR)

| Test | CHF |
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| Arbovirus PCR Multiplex-Panel: DengueTyp 1, 2, 3, 4, WNV, YFV, Chikungunya, Zika. | 215.10 |
| Gastro-acute multiplex PCR (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. | 310.50 |
| Helminth (intestinal) multiplex PCR: Ascaris spp., Ancylostoma spp., Enterobius vermicularis, Hymenolepis spp., Necator americanus, Strongyloides spp., Taenia spp, Trichuris trichuria. | 310.50 |
| Protozoa (intestinal) panel PCR: Blastocystis hominis, Cyclospora cayetanensis, Cystoisospora belli, Cryptosporidium spp., Entamoeba histolytica, E. dispar, E. polecki, E. moshkovskii, Dientamoeba fragilis, Giardia lamblia, Enterocytozoon bieneusi, Encephalitozoon spp. | 382.50 |

Parasites:

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| <i>Blastocystis hominins</i> (fresh stool) | 119.70 |
| <i>Blastocystis hominins</i> (subtype differentiation - sequencing) | 119.70 |
| Coccidia spp. Panel PCR (differentiation <i>Cryptosporidium</i> spp., <i>Cyclospora</i> sp, <i>Cystoisospora belli</i>) | 239.40 |
| <i>Cryptosporidium</i> spp (subtype differentiation) | 119.70 |
| <i>Dientamoeba fragilis</i> (fresh stool) | 119.70 |
| <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) | 167.40 |
| <i>Giardia lamblia</i> (fresh stool) | 119.70 |
| <i>Leishmania</i> spp. screening PCR, qualitative (biopsy, BM, EDTA-blood, bone marrow) | 119.70 |
| <i>Leishmania</i> spp. screening PCR, quantitative (EDTA-blood) | 119.70 |
| <i>Leishmania</i> , species differentiation - sequencing | 119.70 |
| Microsporidia Panel PCR, (differentiation <i>E. bienewisi</i> / <i>Vittaforma cornea</i> and <i>Encephalitozoon</i> spp.) | 167.40 |
| Microsporidia differentiation PCR, (differentiation <i>E. bienewisi</i> and <i>Vittaforma corneae</i>) | 119.70 |
| Microsporidia differentiation PCR, (sequencing <i>Encephalitozoon</i> spp) | 119.70 |
| <i>Plasmodium</i> spp., Malaria, screening-PCR LAMP (EDTA-blood) | 119.70 |
| <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>) | 310.50 |
| <i>Schistosoma</i> spp. PCR (differentiation <i>Schistosoma</i> spp., <i>S. mansoni</i> , <i>S. haematobium</i>) (fresh stool, biopsy) | 215.10 |
| <i>Schistosoma</i> spp. PCR (differentiation <i>S. mansoni</i> , <i>S. haematobium</i>) (serum) | 167.40 |
| <i>Strongyloides stercoralis</i> (fresh stool) | 119.70 |
| <i>Trypanosoma cruzi</i> , Chagas (cord blood, acute infection: EDTA-blood) | 119.70 |
| <i>Trypanozoon</i> spp., Sleeping sickness (differentiation <i>Trypanozoon</i> spp., <i>Trypanosoma brucei gambiense</i> , <i>Trypanosoma brucei rhodesiense</i>) (EDTA-blood, CSF) | 215.10 |
| Pan-Helminth PCR - sequencing (piece of parasite required) | 119.70 |

Bacteria:

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|--|--------|
| <i>Coxiella burnetii</i> (Q-Fever) (external analysis) | 119.70 |
| <i>Leptospira</i> spp. | 119.70 |
| <i>Rickettsia</i> spp (<i>Rickettsia</i> spp., <i>Rickettsia prowazekii</i> , <i>Rickettsia typhi</i>) | 167.40 |

Viruses:

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|---|--------|
| Arbovirus PCR Multiplex-Panel: Dengue Typ 1, 2, 3, 4, WNV, YFV, Chikungunya, Zika) | 215.10 |
| Chikungunya Virus | 119.70 |
| Dengue Virus (Typ 1, 2, 3, 4 separat) | 119.70 |
| Japanese Encephalitis Virus (JEV), (external analysis) | 119.70 |
| West Nile Virus (WNV) | 119.70 |
| Yellow Fever Virus (YFV) | 119.70 |
| Zika Virus | 119.70 |

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

| Test | CHF |
|--|-------|
| Malaria (<i>Plasmodium</i> spp.) | 81.90 |
| Microfilaria | 40.50 |
| Blutparasiten (<i>Babesia</i> , <i>Anaplasma</i> , <i>Ehrlichia</i>) | 81.90 |
| Malaria RDT (Rapid Diagnostic Test) | 8.10 |

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

| Test | CHF |
|---|-------|
| Helminths | 40.50 |
| <i>Strongyloides stercoralis</i> (culture) | 41.40 |
| <i>Strongyloides stercoralis</i> (Baermann concentration) | 40.50 |

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

Prices for each sample

| Test | CHF |
|--|------------|
| Protozoa | 40.50 |
| Helminths | 40.50 |
| Cryptosporidium and Cyclospora | 40.50 |
| Cystoisospora belli | 40.50 |
| Microsporidia | 40.50 |
| Giardia, antigen detection (therapy control) | 29.70 |

Special tests, identification of parasites:

| Test | CHF |
|---|------------|
| Identification of parasites/bacteria, microscopy (isolated parasite, blood, biopsy) | 26.10 |
| Pinworm eggs (<i>E.vermicularis</i>): transparent adhesive tape | 26.10 |
| Schistosoma eggs (whole urine sample from late morning), min. 50 ml | 32.40 |
| Duodenal fluid, punctate, CSF | 40.50 |
| Biopsy | 40.50 |