



**CENTRE DE SANITAT AVICOLA DE CATALUNYA I ARAGÓ**

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**ANALYSIS AND SERVICES RATES 2020**

**1- Necropsy**

	Partner	No partner
Bird sample extraction < 2 Weeks	0,78	0,94
Bird sample extraction > 2 Weeks	4,25	5,10
Clinical necropsy (by case)	60,00	72,00
Aborted Egg necropsy (each Egg)	0,90	1,08

**2- Histopathology**

	Partner	No partner
Histopathological examination ( max. 3 blocks)	52,00	62,40
Histopathological examination ( 4-5 blocks)	73,00	87,60
Block immunostaining	14,50	17,40
Special staining by block	12,50	15,00

**3- Parasitology**

	Partner	No partner
Qualitative Fecal Analysis	14,75	17,70
Microscopic examination of parasites	14,75	17,70
Quantification of Eimeria oocyst	18,00	21,60
Quantification of Vermes oocyst	18,00	21,60
Injury Index Coccidia	25,00	30,00

**4- Bacterology**

	Partner	No partner
Isolation and Identification of Avibacterium paragallinarum	28,20	33,84
Isolation and identification of Campylobacter spp	28,20	33,84
Isolation and identification of Listeria monocytogenes	30,00	36,00
Isolation and Identification of Ornithobacterium rhinotracheale	28,20	33,84
Isolation and identification of Salmonella spp	12,00	14,40
PCR Salmonella iQ-Check	18,00	21,60
Aerobic General Bacteriology (identification of 2 bacteria)	25,00	30,00
Aerobic General Bacteriology (identification for each additional bacteria)	10,00	12,00
Hypercapnic General Bacteriology (identification of 2 bacteria)	25,00	30,00
Hypercapnic General Bacteriology (identification for each additional bacteria)	10,00	12,00
Anaerobic General Bacteriology (identification of 2 bacteria)	25,00	30,00
Anaerobic General Bacteriology (identification for each additional bacteria)	10,00	12,00
Isolation and identification of Clostridium spp	19,95	23,94
Isolation and Identification of Escherichia coli	19,95	23,94
Isolation and Identification of Pasteurella spp	19,95	23,94
Isolation and Identification Gallibacterium anatis biovar haemolytica	19,95	23,94
Isolation and identification of Pseudomona spp	19,95	23,94
Isolation and identification of Salmonella Gallinarum-Pullorum	19,95	23,94
Isolation and identification of Staphylococcus spp	19,95	23,94

Isolation and identification of Streptococcus spp	19,95	23,94
Isolation and identification of Enterococcus spp	19,95	23,94
Isolation and identification of Enterococcus cecorum	19,95	23,94
Isolation, Identification and Quantification of Campylobacter spp	35,26	42,31
Isolation, Identification and Quantification of Listeria monocytogenes	35,26	42,31
Isolation, Identification and Quantification of Salmonella spp	35,26	42,31
Antibiogram ( 7 Antibiotics)	22,35	26,82
Simple bacteriological quantification contact plaque	5,32	6,38
Minimum Inhibitory Concentration	93,40	112,08
Inhibitor Detection	35,00	42,00
Salmonella spp Serotyping	52,55	63,06
Gram staining	11,30	13,56
Microscopic Analysis	14,75	17,70
Disinfectants Effectiveness Analysis in vitro	75,00	90,00
Isolation Salmonella ATC-PNCS + communication (ISO 6579)	12,00	25,00

### **5- Microbiology of food**

	Partner	No partner
Quantification and fungal identification	35,00	42,00
Quantification of aerobic mesophilic	35,00	42,00
Quantification of enterobacteria	35,00	42,00
Quantification of total coliforms	35,00	42,00
Quantification of fecal coliform	35,00	42,00
Quantification of staphylococcus aureus	35,00	42,00
Quantification of faecal enterococcus	35,00	42,00
Quantification of sulphite-reducing anaerobies	35,00	42,00

### **6- Mycology**

	Partner	No partner
Fungal isolation and identification	28,00	33,60
Quantification and fungal identification	35,00	42,00
Fungal quantification and identification (plate / strip)	13,00	15,60
Simple fungal quantification contact plaque	5,32	6,38

### **7- Serology**

	Partner	No partner
Rapid plate agglutination Mycoplasma gallisepticum	1,10	1,32
Rapid plate agglutination Mycoplasma synoviae	1,40	1,68
Salmonella Pullorum Rapid Plate Agglutination	1,40	1,68
Gel Agar Precipitation (Different diseases-Check)	3,50	4,20
Adenovirus Group I (FAV-I) ELISA	3,50	4,20
Chicken Anemia Virus ELISA	3,10	3,72
Encephalomyelitis ELISA	3,10	3,72
Avian Influenza ELISA	3,10	3,72
Gumboro Disease ELISA	2,90	3,48
Infectious Bronchitis ELISA	2,90	3,48
Infectious Laryngotracheitis ELISA	2,90	3,48
Avian Leukosis (check)	3,50	4,20
Mycoplasma gallisepticum ELISA	2,20	2,64
Mycoplasma meleagridis ELISA	2,20	2,64
Mycoplasma synoviae ELISA	3,10	3,72

Reovirus ELISA	2,90	3,48
Reticuloendotheliosis ELISA	3,50	4,20
S.Enteritidis/Typhimurium (Group B+D) ELISA	4,00	4,80
Turkey Hemorrhagic Enteritis ELISA	4,00	4,80
Avian Pneumovirus ELISA	3,40	4,08
West Nile ELISA	5,60	6,72
Newcastle ELISA	2,90	3,48
EDS ELISA (Check)	3,10	3,72
EDS Hemagglutination inhibition	1,80	2,16
Avian Influenza (H5) Hemagglutination Inhibition	2,40	2,88
Avian Influenza (H7) Hemagglutination Inhibition	2,40	2,88
Avian Influenza (H9) Hemagglutination Inhibition	2,40	2,88
IBV 793 / B Hemagglutination Inhibition	2,40	2,88
IBV D1466 Hemagglutination Inhibition	2,40	2,88
IBV D274 Hemagglutination Inhibition	2,40	2,88
IBV D3128 Hemagglutination Inhibition	2,40	2,88
IBV D8880 Hemagglutination Inhibition	2,40	2,88
IBV M41 Hemagglutination Inhibition	1,80	2,16
QX IBV Hemagglutination inhibition	2,40	2,88
Italy 02 Hemagglutination Inhibition	2,40	2,88
Mycoplasma gallisepticum Hemagglutination inhibition	1,80	2,16
Mycoplasma synoviae Hemagglutination inhibition	1,80	2,16
Newcastle Disease Hemagglutination inhibition	1,80	2,16
Avian Paramyxovirus 2 (APMV-2) Hemagglutination inhibition	2,40	2,88
Avian Paramyxovirus 3 (APMV-3) Hemagglutination inhibition	2,40	2,88

## **8- Virology**

	Partner	No partner
Virus Isolation 1 passage	Check	Check
Virus Isolation 2 passages	Check	Check
Virus Isolation 3 passages	Check	Check
Virus Isolation 4 passages	Check	Check
Virus Isolation 5 passages	Check	Check
Seroneutralization	Check	Check
Virusneutralization	Check	Check

## **9- Molecular Biology**

	Partner	No partner
Campylobacter Multiplex PCR (species differentiation)	39,00	46,80
PCR ILT-POX Multiplex PCR	39,00	46,80
Pneumovirus (A-B) Nested PCR	39,00	46,80
Adenovirus Group I PCR (Fadv-I)	39,00	46,80
Avibacterium paragallinarum PCR	39,00	46,80
Campylobacter spp PCR	39,00	46,80
Chicken Anemia Virus PCR	39,00	46,80
Chamydophila psittaci PCR	39,00	46,80
Avian pox virus PCR	39,00	46,80
Enterococcus cecorum PCR	39,00	46,80
Egg Drop Syndrome virus PCR	39,00	46,80
Infectious Laryngotracheitis virus PCR	39,00	46,80

Mycoplasma gallisepticum PCR	39,00	46,80
Mycoplasma synoviae PCR	39,00	46,80
Salmonella spp PCR	39,00	46,80
Turkey Hemorrhagic Enteritis PCR	39,00	46,80
Marek serotype 1 PCR	39,00	46,80
Marek serotype 3 PCR	39,00	46,80
<i>Histomonas meleagridis</i> PCR	39,00	46,80
Combination of 2 different PCR Analysis	70,00	84,00
Combination of 3 different PCR Analysis	100,00	120,00
Combination of 4 different PCR Analysis	130,00	156,00
Combination of 5 different PCR Analysis	160,00	192,00
Combination of 2 equal PCR Analysis	63,00	75,60
Combination of 3 equal PCR Analysis	90,00	108,00
Combination of 4 equal PCR Analysis	117,00	140,40
Combination of 5 equal PCR Analysis	144,00	172,80
Combination of over 5 PCR analysis (each analysis)	25,00	30,00
Avian Influenza virus (A) Real Time RT-PCR	39,00	46,80
Avian Influenza virus (H5) Real Time RT-PCR	39,00	46,80
Avian Influenza virus (H7) Real Time RT-PCR	39,00	46,80
Newcastle disease virus Real Time RT-PCR	39,00	46,80
Avian Influenza virus N1 RT-PCR	39,00	46,80
Gumboro Disease RT-PCR	39,00	46,80
Avian Infectious Bronchitis RT-PCR	39,00	46,80
Pneumovirus RT-PCR	39,00	46,80
Reovirus RT-PCR	39,00	46,80
Combination of Two different RT-PCR analysis	70,00	84,00
Combination of Three different RT-PCR analysis	100,00	120,00
Combination of Four different RT-PCR analysis	130,00	156,00
Combination of Five different RT-PCR analysis	160,00	192,00
Combination of Two equal RT-PCR analysis	63,00	75,60
Combination of Three equal RT-PCR analysis	90,00	108,00
Combination of Four equal RT-PCR analysis	117,00	140,40
Combination of Five equal RT-PCR analysis	144,00	172,80
Combination of over 5 RT-PCR analysis (each analysis)	25,00	30,00
E.coli Virulence genes detection	135,00	162,00
Gumboro Disease virus Sequencing	135,00	162,00
Avian Infectious Bronchitis virus Sequencing	135,00	162,00
Adenovirus Group 1 (FAdv-1 )Sequencing	135,00	162,00
Others Sequencing	135,00	162,00
Combination of 2 Sequencing Analysis	235,00	282,00
Combination of 3 Sequencing Analysis	320,00	384,00
Combination of 4 Sequencing Analysis	425,00	510,00
Combination of 5 Sequencing Analysis	525,00	630,00
Combination of more than 5 Sequencing Analysis (price for each analysis)	100,00	120,00
<b>PCR WITHOUT COMBINATION</b>		
Mycoplasma synoviae PCR MS1 DIVA	80,00	96,00
Mycoplasma synoviae PCR. MS-H DIVA	25,00	30,00
PCR Salmonella Enteritidis DIVA	25,00	30,00

**10- Water Analysis**

	Partner	No partner
Bacteriological water analysis	55,00	66,00
Anaerobic Sulfite – Reducing bacteria	10,00	12,00
Faecal Coliforms	10,00	12,00
Total Coliforms	10,00	12,00
Total bacteria	10,00	12,00
Salmonella spp.	12,00	14,40
Faecal Enterococcus	10,00	12,00
Physical-chemical analysis	80,00	96,00
Chlorure	10,00	12,00
Conductivity	10,00	12,00
Hardness	10,00	12,00
Iron	10,00	12,00
Ammoniac	10,00	12,00
Nitrites	10,00	12,00
Nitrates	10,00	12,00
pH	10,00	12,00
Sulphates	10,00	12,00