

**AN ROINN TALMHAIOCHTA, BIA, AGUS FORBARTHA TUAITHE.  
DEPARTMENT OF AGRICULTURE, FOOD AND RURAL DEVELOPMENT.**



**VETERINARY LABORATORY SERVICES  
PRICE LIST FROM 1<sup>st</sup> JANUARY, 2002**

**DAFF Laboratories  
Backweston  
Celbridge  
Co. Kildare**

**TELEPHONE : (01) 6157106  
FAX : (01) 6157449**

**REGIONAL VETERINARY LABORATORIES**

**COOSAN, ATHLONE, CO. WESTMEATH. (TELEPHONE : (0902) 75514)  
MODEL FARM ROAD, BISHOPSTOWN, CORK. (TELEPHONE : (021) 4543931)  
LEGGATSRATH, HEBRON ROAD, KILKENNY (TELEPHONE : (056) 21688)  
KNOCKALISHEEN, LIMERICK. (TELEPHONE : (061) 452911)  
FAWCETT'S BRIDGE, DOONALLY, SLIGO. (TELEPHONE : (071) 42191)**

## VETERINARY LABORATORY SERVICE

1. **Veterinary Laboratory Service**

The Central Veterinary Research Laboratory and five Regional Veterinary Laboratories together provide a comprehensive veterinary laboratory diagnostic service.

2. **Quality Assured Results**

A wide range of modern techniques with up to date equipment is in use providing rapid throughput of material. Biochemical and haematological procedures and results are quality controlled with the laboratories participating in the United Kingdom and Ireland Quality Assurance Scheme.

3. **Disease Surveillance**

Collation and monitoring of data relating to disease outbreaks alerts practitioners, stockowners and relevant state agencies to new and emerging diseases and trends.

4. **Consultancy on Animal Health and Disease Control**

Consultation is available by telephone with veterinary personnel who are specialists in investigations, diagnosis and control of diseases.

5. **Information**

Information on appropriate tests, prices or packages is available from the laboratories.

6. **Sale/Export Serological Tests**

Samples from animals intended for sale or export should be submitted directly to the Central Veterinary Research Laboratory, DAFF Laboratories, Backweston, Celbridge, Co. Kildare, with 'Sale' or 'Export' (as appropriate) ***marked in red*** on the label.

**POST MORTEM EXAMINATION**

**POST MORTEM EXAMINATION CHARGES INCLUDE ROUTINE PROCEDURES AND TESTS APPLIED AT THE DISCRETION OF THE VETERINARY PATHOLOGIST TO AID A DIAGNOSIS. EXTRA TESTS SPECIFICALLY REQUESTED WILL BE CHARGED FOR ADDITIONALLY.**

	Charge € (IR£)	
	Per Carcase	Per Batch
<b>Cattle</b>		
Foetuses and calves up to 6 months	12.70 (10.00)	19.05 (15.00)
7 months to 18 months	19.05 (15.00)	_____
Over 18 months	25.35 (20.00)	_____
<b>Sheep</b>		
Foetuses and lambs up to 3 months	6.35 (5.00)	12.70 (10.00)
Over 3 months	12.70 (10.00)	19.05 (15.00)
<b>Pigs</b>		
Foetuses and piglets up to 4 months	6.35 (5.00)	12.70 (10.00)
Over 4 months	12.50 (9.85)	_____
<b>Rabbits</b>	6.35 (5.00)	12.70 (10.00)
<b>Deer</b>	12.70 (10.00)	19.05 (15.00)
<b>Horses (See separate section)</b>		
<b>Greyhounds</b>	19.05 (15.00)	25.35 (20.00)
<b>Other Dogs and Cats</b>	12.70 (10.00)	_____
<b>Miscellaneous animal species</b>	12.70 (10.00)	_____
<b>Part Carcasses</b>	12.70 (10.00)	_____
<b>Poultry</b>	No Charge	_____

## BIOCHEMISTRY

**SAMPLES FOR SELENIUM, GLUTATHIONE, PEROXIDASE, LEAD, HAEMOGLOBIN AND ZINC TESTING REQUIRE LITHIUM HEPARIN AS ANTICOAGULANT. DO NOT USE TUBES WITH RUBBER STOPPERS OR CAPS WITH RUBBER INSERTS FOR SAMPLES FOR ZINC ANALYSIS.**

**SAMPLES FOR GLUCOSE AND PHOSPHORUS TESTING REQUIRE FLUORIDE-OXALATE AS ANTICOAGULANT.**

**REMAINING TESTS REQUIRE CLOTTED (SERUM) SAMPLES.**

	Charge €(IR£) Per Test	
	First	Each Additional
<b>Blood</b>	3.80 (3.00)	1.25 (1.00)
(a) Calcium, Magnesium, Phosphorus Chloride, Potassium, Sodium, Albumin, Creatinine, Globulin, Total protein, Urea, Zinc sulphate turbidity (ZST) Copper, Glutathione peroxidase (GSPHx) Beta-hydroxybutyrate ( $\beta$ HB), Glucose Alanine aminotransferase (ALT/GPT), Alkaline phosphatase (AP), Aspartate aminotransferase (AST/GOT), Creatine kinase (CK/CPK), Gamma-glutamyl transferase ( $\gamma$ GT), Glutamate dehydrogenase (GLDH) Direct bilirubin, Total bilirubin, Haemoglobin (Hb)		
(b) Iron, Selenium, Total iron binding capacity (TIBC), Zinc, Thyroxine	5.05 (4.00)	3.80 (3.00)
(c) Lead	7.60 (6.00)	6.35 (5.00)
<b>Tissues</b>		
Arsenic, Cobalt, Copper, Lead, Selenium Any three tests	7.60 (6.00) 15.20 (12.00)	each element
Bone: Calcium, Magnesium, Phosphorus	7.60 (6.00)	each element
Selenium in hair	12.70 (10.00)	each sample
Lead in tissue/paint/other sources	7.60 (6.00)	each sample
<b>Aqueous/Vitreous Humor or CSF or Urine</b>		
Magnesium	3.80 (3.00) 1.25 (1.00)	first test each additional test

**SEROLOGY****Charge €(IR£) Per Test**

<b>Agglutination</b>	3.80 (3.00)
Leptospira	
Salmonella	
Arizona	
<b>Serum neutralisation tests</b>	5.05 (4.00)
Transmissible gastroenteritis (TGE)	
Bovine virus diarrhoea (BVD)	
Infectious bovine rhinotracheitis (IBR)	
Bovine herpes mammillitis (BHM)	
Bovine Respiratory Syncytial Virus (BRSV)	
Bovine Parainfluenza Virus 3 (PI <sub>3</sub> )	
<b>Haemagglutination Inhibition tests</b>	
Porcine parvovirus	7.60 (6.00)
Swine Influenza ( <i>H<sub>1</sub>N<sub>1</sub></i> / <i>H<sub>3</sub>N<sub>2</sub></i> )	7.60 (6.00)
<b>Complement fixation tests</b>	7.60 (6.00)
Q Fever	
Enzootic abortion of ewes (EAE)	
Johne's disease	
<i>Mycoplasma capricolum</i>	
<i>Mycoplasma agalactiae</i>	
<i>Mycoplasma mycoides</i>	
<b>Agar gel immunodiffusion precipitation tests (AGIPT)</b>	
Maedi-visna	3.80 (3.00)
Caprine-arthritis-encephalitis (CAE) 0 to 10 samples	3.80 (3.00) each
CAE for 11 + samples	2.50 (2.00)
Enzootic Bovine Leucosis	3.80 (3.00)
<b>ELISA tests</b>	
Aujesky's disease (AD) Total	5.05 (4.00)
Aujesky's disease (AD) gE	5.05 (4.00)
Classical Swine Fever (CSF)	5.05 (4.00)
Enzootic Bovine Leucosis (EBL)	5.05 (4.00)
Porcine Respiratory Reproductive Syndrome (PRRS)	5.05 (4.00)
Neospora	5.70 (4.50)
Neospora (for 3 or more samples)	5.05 (4.00) each
Johne's disease	7.60 (6.00)
Other Elisas (e.g. Enteroviruses)	5.05 (4.00)

## PARASITOLOGY

	Charge €(IR£)	
	1 - 3 Samples	4+ Samples
Worm egg and coccidia or Fluke eggs or Lungworm larvae	2.50 (2.00)	1.25 (1.00)
Fluke and worm egg examination	3.80 (3.00)	2.50 (2.00)
Full examination: fluke, worms, coccidia and lungworms	5.05 (4.00)	3.80 (3.00)
Herbage larval count	12.70 (10.00)	9.50 (7.50)
Coccidia	1.25 (1.00)	1.25 (1.00)
Cryptosporidia	1.25 (1.00)	1.25 (1.00)

## SKIN/HAIR/WOOL

	CHARGE €(IR£) Per Sample
Microscopic examination	3.80 (3.00)
Microscopic examination, culture and sensitivity	5.05 (4.00)
Ringworm - microscopic examination, Woods lamp and culture	6.35 (5.00)

**WOOL SUBMITTED FOR "SHEEP SCAB" IS EXAMINED FREE OF CHARGE**

## BACTERIOLOGY

### CULTURAL EXAMINATION INCLUDES ROUTINE AEROBIC, MICROAEROPHILIC AND ANAEROBIC CULTURES, AS APPROPRIATE

	<b>Charge €IR£ Per Sample</b>
Faeces, swabs, urine other tissues	3.80 (3.00)
Culture plus sensitivity	6.35 (5.00)
Foetal abomasal contents and/or placenta	6.35 (5.00)
Bacterial culture identification	7.60 (6.00)
Meal and water - Salmonella species	6.35 (5.00)
Milk -SCC, culture and sensitive (one sample)	5.05 (4.00)
Each additional sample	2.50 (2.00)
<b>Fluorescent antibody test</b>	
Clostridia	6.35 (5.00)
Leptospira	6.35 (5.00)
Neospora	6.35 (5.00)
<b>Sheath Washings</b>	
Campylobacter and Trichomonas culture	
Campylobacter FAT	12.70 (10.00)
<b>Vaginal Mucus</b>	
Campylobacter culture	6.35 (5.00)
Trichomonas microscopic examination	3.80 (3.00)
Campylobacter and Trichomonas culture	12.70 (10.00)

**SPECIFIC PROCEDURES OR TESTS UNLISTED MAY BE ARRANGED AND PRICED BY  
CONSULTATION WITH LABORATORY PERSONNEL**

## HAEMATOLOGY

### BLOOD SAMPLES FOR HAEMATOLOGY REQUIRE EDTA ANTICOAGULANT

	Charge €(IR£)
Hb, PCV, RBC, WBC, Fibrinogen	2.50 (2.00) (each)
WBC and differential	6.35 (5.00)
Hb, PCV, RBC, WBC, MCV	7.60 (6.00)
Full Haematology (Hb, PCV, RBC, MCV, Fibrinogen, WBC and differential)	12.70 (10.00)

## URINALYSIS

Biochemical and microscopic examination	3.80 (3.00)
Biochemical and microscopic examination plus bacterial culture and sensitivity	7.60 (6.00)

## VIROLOGY

Virus isolation (SNT)	6.35 (5.00)
Virus isolation detection (PLA, PCR)	10.15 (8.00)
Fluorescent antibody test (FAT)	6.35 (5.00)
Electron microscope examination (Orf, pseudocowpox etc)	6.35 (5.00)
Porcine parvovirus (HA test)	6.35
Swine Influenza (HA test)	12.70
Latex tests	5.05 (4.00)
Biological tests	12.70 (10.00)

## HISTOPATHOLOGY

**HISTOPATHOLOGY CHARGES INCLUDE PROCESSING AND INTERPRETATION OF TISSUES SUBMITTED BY A VETERINARY PRACTITIONER FOLLOWING POST MORTEM EXAMINATION OR BIOPSY. A HISTOPATHOLOGY CHARGE IS NOT APPLIED TO A POST MORTEM EXAMINATION CARRIED OUT IN THE LABORATORY.**

Per tissue submitted	5.05 (4.00)
Multiple tissues submitted	10.15 (8.00)

<b>HORSES</b>		<b>Charge €(IR£)</b>
<b>Post Mortem Examination</b>		
Foetus and Foals up to 12 months		19.05 (15.00)
Over 12 months		25.35 (20.00)
<b>Bacterology</b>		
Contagious equine metritis (CEM) plus Pseudomonas, Klebsiella and other genital pathogens :		
	Mares	12.70 (10.00)
	Stallions	38.05 (30.00)
Cervical Swabs		10.15 (8.00)
Nasal Swabs		7.60 (6.00)
<b>Serology</b>		
Equine infectious anaemia (EIA) (Coggins)		25.35 (20.00) each
Equine viral arteritis (EVA) 1 <sup>st</sup> and 2 <sup>nd</sup> test (SNT)		19.05 (15.00) each
EVA (SNT) for 3 or more tests		15.20 (12.00) each
EVA (PCR)		10.15 (8.00)
Equine rhinopneumonitis (EHV1/EHV4) (SNT or CFT)		20.30 (16.00)
EHV1/EHV4 (PCR)		10.15.(8.00)
Equine influenza (HAI test)		19.05 (15.00)
Leptospira (MAT) 6 serotypes		12.70 (10.00)
S. abortus equi		19.05 (15.00)
Mallein per ml		12.70 (10.00)

## PACKAGES

**A PACKAGE IS A GROUP OF LABORATORY TESTS THE RESULTS OF WHICH MAY ASSIST IN THE DIAGNOSIS OF THE PROBLEM UNDER INVESTIGATION. A PACKAGE MAY BE DESIGNED TO SUIT A PARTICULAR PROBLEM. CONSULTATION WITH LABORATORY PERSONNEL IS ADVISED. ALL TESTS IN A PACKAGE ARE CHARGED AT THE “ADDITIONAL TEST” RATE.**

### BIOCHEMISTRY/DEFICIENCY/METABOLIC/PRODUCTION PACKAGES

#### **GROUP ANIMAL PACKAGE (Minimum 3 animals recommended)**

	<b>Charge €(IR£)</b>
<b>TRACE MINERAL CHECK (BOVINE/OVINE)</b> Copper, Selenium/Gluthatione peroxidase (GSHPx), Thyroxine	6.35 (5.00)
<b>FULL PRODUCTION PROFILE (BOVINE)</b> Magnesium, Phosphorus, Urea, Albumin, Total protein, Globulin, Albumin/Globulin Ratio, GLDH, $\beta$ HB, Copper, Haemoglobin	11.40 (9.00)
<b>MINI PROFILE (BOVINE)</b> Albumin, Urea, $\beta$ HB, Copper	5.05 (4.00)
<b>SHEEP ILLTHRIFT PACKAGE</b> Haemoglobin, Urea, Albumin, $\beta$ HB, Copper, Selenium/Glutathione peroxidase (GSHPx)	7.60 (6.00)

INDIVIDUAL ANIMAL PACKAGES	Charge €(IR£)
<b>LIVER FUNCTION PACKAGE (BOVINE/OVINE)</b>	
Total protein, Albumin, Globulin, Albumin/Globulin Ratio and any two of these enzymes - GGT, AST, GLDH	6.35 (5.00)
<b>EWE PRODUCTION/PREGNANCY TOXAEMIA PACKAGE</b>	
Calcium, Magnesium, βHB, Urea	5.05 (4.00)
<b>BOVINE FATTY LIVER</b>	
βHB, Albumin, GLDH	3.80 (3.00)
<b>DOWNER COW PACKAGE</b>	
Calcium, Magnesium, Phosphorus, CK, AST, Urea	7.60 (6.00)

ABORTION/STILLBIRTH SEROLOGY	Charge €(IR£)	
IN ADDITION TO FOETAL PATHOLOGY, DAM SEROLOGY MAY BE CARRIED OUT FOR EVIDENCE OF INFECTION	First Sample	Additional Sample
Salmonella (Bovine, Ovine, Equine, Porcine)	3.80 (3.00)	2.50 (2.00)
Leptospira (Bovine, Ovine, Equine, Porcine)	3.80 (3.00)	2.50 (2.00)
Toxoplasma (Ovine)	3.80 (3.00)	2.50 (2.00)
Neospora (3 or more samples all charged at additional sample rate)	5.70 (4.50)	5.05 (4.00)
Bovine virus diarrhoea/Border disease (Bovine, Ovine)	5.05 (4.00)	5.05 (4.00)
Parvovirus (Porcine)	7.60 (6.00)	5.05 (4.00)
Aujeszky's disease (Porcine)	5.05 (4.00)	3.80 (3.00)
Equine viral rhinopneumonitis (Equine)	19.05 (15.00)	15.20 (12.00)
Brucella (Bovine)	No Charge	_____
 Bovine foetal abomasal contents and/or placenta plus dam serology (leptospirosis, salmonellosis or neospora)	 12.70 (10.00)	 _____

**SAMPLES FOR BRUCELLOSIS SEROLOGY SHOULD BE SENT DIRECTLY TO THE BRUCELLOSIS LABORATORY, MODEL FARM ROAD, BISHOPSTOWN, CORK.**

**BOVINE ENTERITIC PACKAGE**

**AT LEAST 15g OF FRESH FAECES SHOULD BE SUBMITTED.  
ADEQUATE HISTORY INCLUDING AGE SHOULD BE GIVEN  
SINCE THIS WILL DETERMINE THE TESTS TO BE APPLIED**

	<b>Charge €(IR£) Per Sample</b>
<b>NEONATAL ENTERITIS</b>	
Bacteriology and Sensitivity, Serotyping (E Coli K99 ETEC), Coccidia, Coronavirus, Cryptosporidia, Rotavirus, Salmonella	12.70 (10.00)

### **LABORATORY CONDITIONS RELATING TO CARCASSES SUBMITTED FOR POST MORTEM EXAMINATION**

1. Carcasses are accepted for post mortem examination only when referred by a general veterinary practitioner. Prior arrangements for Laboratory acceptance should be made by the veterinary surgeon.
2. Carcasses once submitted become the property of the Minister.
3. Ensure that all samples (carcasses or otherwise) are correctly identified. When available, a tag number should always be appended.
4. Fees are charged for laboratory services and are payable by the referring veterinary surgeon. Exceptionally, fees are accepted from the stockowner.
5. Routine procedures and tests necessary to reach a diagnosis are carried out at the sole discretion of Laboratory staff. Extra tests specifically requested are charged for additionally.
6. Laboratory reports are issued to the referring veterinary surgeon only. Information will not be made available directly from the laboratory to the stockowner.
7. Notwithstanding these general conditions, the laboratory reserves the right to accept or refuse any submission.

### **SAMPLES SENT BY PUBLIC CARRIER**

1. Samples submitted by public carrier e.g. An Post, must comply with the most recent relevant regulations
2. These samples must be securely packed to prevent leakage during transit in compliance with these regulations