

## BIOBANK

## SUPPLY OF HUMAN SAMPLES FROM THE BIOBANK

According to Royal Decree RD1716/2011 which establishes the basic requirements for authorization and operation of biobanks: "Biobank activity does not conceive aim of profit. However, the biobank may include in the supply of each sample the costs of obtaining, processing, maintenance, ... and other expenses of similar nature related to the samples." In the same way, the samples will be supplied only for projects previously approved by an Ethics Committee. Please contact us at [biobanc@idibaps.org](mailto:biobanc@idibaps.org) for further information regarding sample request.

Ref	SAMPLE SUPPLY <sup>1</sup>	INTERNAL	CAMPUS CLÍNIC	EXTERNAL
TP052	Serum aliquot (400 µl)	12,50 €	14,88 €	21,25 €
TP053	Plasma aliquot (500 µl)	12,60 €	14,99 €	21,42 €
TP054	DNA aliquot (DNA from blood) (µg)	17,00 €	20,23 €	28,90 €
TP434	PBMC Vial (5M/ml)	69,00 €	82,11 €	117,30 €
TP055	Histological sections from tissue frozen in OCT medium on slides	5,80 €	6,90 €	9,86 €
TP056	Histological sections from tissue frozen in OCT medium in tube	10,50 €	12,50 €	17,85 €
TP057	Histological sections from paraffin-embedded tissue on slides	3,70 €	4,40 €	6,29 €
TP058	Histological sections from paraffin-embedded tissue in tube	6,00 €	7,14 €	10,20 €
	<b>Supply of sections of TMAs (Tissue MicroArrays).</b>			
	<i>Sections of TMAs are supplied and the price corresponds to one section of a sample, defining as "sample" each biological entity. I.e.: if pathological and non pathological tissue areas from a patient are included in a TMA, two samples are considered; if a patient is included in the TMA with samples/cores from primary tumour and metastasis, two samples are considered. The final price depends on the number of samples that the TMA contains, and the number of replicas from each sample included. Ex: a section of a TMA that contains 15 samples, each of them with three replicas, would cost 7,05€ (15 x 0,47€) at an internal price and 14,70€ (15 x 0,98€) at an external price.</i>			
TP059	A core (replica) per sample <sup>4</sup>	0,20 €	0,24 €	0,42 €
TP259	Two cores (replicas) per sample <sup>4</sup>	0,35 €	0,42 €	0,73 €
TP260	Three cores (replicas) per sample <sup>4</sup>	0,47 €	0,56 €	0,98 €
TP261	Four cores (replicas) per sample <sup>4</sup>	0,61 €	0,73 €	1,27 €
TP060	Fresh tissue. Prospective collection of samples	18,00 €	21,42 €	37,62 €
	Histological sections from brain tissue frozen in OCT medium			
TP262	on slides (samples Type 1 <sup>2</sup> )	4,50 €	5,36 €	7,65 €
TP264	in tube (samples Type 2 <sup>3</sup> )	4,70 €	5,59 €	7,99 €
	Histological sections from paraffin-embedded brain tissue samples			
TP266	on slides (samples Type 1 <sup>2</sup> )	3,50 €	4,17 €	5,95 €
TP268	in tube (samples Type 2 <sup>3</sup> )	3,70 €	4,40 €	6,29 €
	Histological sections from cryopreserved brain tissue samples			
TP063	Of samples Type 1 <sup>2</sup>	4,40 €	5,24 €	7,48 €
TP270	Of controls and samples Type 2 <sup>3</sup>	5,00 €	5,95 €	8,50 €
	Fragment of frozen brain tissue			
TP061	Of samples Type 1 <sup>2</sup>	11,00 €	13,09 €	18,70 €
TP271	Of controls and samples Type 2 <sup>3</sup>	13,80 €	16,42 €	23,46 €
	Fragment of brain tissue in formaldehyde			
TP272	Of samples Type 1 <sup>2</sup>	14,30 €	17,02 €	24,31 €
TP273	Of controls and samples Type 2 <sup>3</sup>	17,90 €	21,30 €	30,43 €
	Fragment of cryopreserved brain tissue			
TP062	Of samples Type 1 <sup>2</sup>	48,00 €	57,12 €	custom fee
TP274	Of controls and samples Type 2 <sup>3</sup>	60,00 €	71,40 €	custom fee
	LCR ventricular (post-mortem)			
TP064	Of samples Type 1 <sup>2</sup>	31,90 €	37,96 €	42,43 €
TP275	Of controls and samples Type 2 <sup>3</sup>	39,90 €	47,48 €	53,07 €
Ref	ASSESSMENT	INTERNAL	CAMPUS CLÍNIC	EXTERNAL
TP256	Assessment on legal, ethical and quality aspects related to biomedical research involving human samples	N/A	custom fee	custom fee
TP001	Technical assessment in experimental design of studies involving human samples	N/A	custom fee	custom fee

<sup>1</sup> Depending on the complexity of the request, the application of additional charges will be valued for each project. Please check with the Biobank for different volums/amounts.

<sup>2</sup> Samples Type 1 (excluding hippocampus and substantia nigra - see Type 2)

Alzheimer's disease (excluding genetic cases)

Parkinson's disease (excluding genetic cases)

Creutzfeldt-Jacob disease (excluding genetic cases)

Lewy Body disease (excluding genetic cases)

<sup>3</sup> Samples Type 2

Diseases not included in Type 1: Multisystemic Atrophy, Other tauopathies (PSP, CDB, AGD, GGT...), Amyotrophic Lateral Sclerosis, Temporal frontal lobe degeneration (Tau, TDP-43, FUS, ubiquitin or others).

Genetic diseases (include Huntington's disease and Spinocerebellar ataxias)

Non-degenerative diseases (include inflammatory disease)

Hippocampus and substantia nigra of Type 1 cases

<sup>4</sup> A correction factor will be applied to the total price of the supplied TMA section, depending on the % of cases represented in the last evaluated section.

## SCIENTIFIC-TECHNICAL SERVICES

Ref	BIOLOGICAL SAMPLE CUSTODY (monthly fee)	INTERNAL	CAMPUS CLÍNIC	EXTERNAL
TP004	Sample storage -80°C (81 positions box - max 1ml/tube)	2,50 €	2,98 €	5,58 €
TP414	Sample storage -80°C(96 positions microplate - max 0,65ml/tube)	2,00 €	2,38 €	4,46 €
TP400	Sample storage -80°C (racks)	4,10 €	4,88 €	9,14 €
TP008	Liquid Nitrogen Cryopreservation (100 position box - max 2ml/tube)	9,50 €	11,31 €	21,19 €
Ref	HISTOLOGY	INTERNAL	CAMPUS CLÍNIC	EXTERNAL
TP002	Histological evaluation of samples (per sample)	9,30 €	11,07 €	19,44 €
TP026	Pathology Department sample handling	2,50 €	2,98 €	N/A
TP009	Tissue freezing in OCT medium (block preparation)	4,00 €	4,76 €	8,36 €
TP010	Frozen tissue sections (tissue in OCT) on glass slides (first section)	4,10 €	4,88 €	8,57 €
TP011	Frozen tissue sections (tissue in OCT) on glass slides (additional sections)	2,50 €	2,98 €	5,23 €
TP012	Frozen tissue sections (tissue in OCT) in tube, including macrodissection for enrichment of the area of interest (first tube)	6,50 €	7,74 €	13,59 €
TP013	Frozen tissue sections (tissue in OCT) in tube, including macrodissection for enrichment of the area of interest (additional tubes)	4,80 €	5,71 €	10,03 €
TP014	Haematoxylin-eosin stain (per slide) in frozen tissue	2,90 €	3,45 €	6,06 €
TP015	Oil-red-O stain (per slide) in frozen tissue	4,00 €	4,76 €	8,36 €
TP016	Masson's trichrome (per slide) in frozen tissue	4,50 €	5,36 €	9,41 €
TP018	Paraffin embedding and paraffin block (with cassette)	3,50 €	4,17 €	7,32 €
TP019	Paraffin embedding and paraffin block (researcher's cassette)	3,20 €	3,81 €	6,69 €
TP020	Sections of FFPE tissue blocks on glass slides (first section)	2,50 €	2,98 €	5,23 €
TP021	Sections of FFPE tissue blocks on glass slides (additional sections)	1,70 €	2,02 €	3,55 €
TP022	Sections of FFPE tissue blocks in tube, including macrodissection for enrichment of the area of interest (first tube)	4,90 €	5,83 €	10,24 €
TP023	Sections of FFPE tissue blocks in tube, including macrodissection for enrichment of the area of interest (additional tubes)	3,70 €	4,40 €	7,73 €
TP024	Haematoxylin-eosin stain (per slide) in paraffin-embedded tissue	2,90 €	3,45 €	6,06 €
TP025	Masson's trichrome (per slide) in paraffin-embedded tissue	4,70 €	5,59 €	9,82 €
TP435	Luxol Fast Blue stain (per slide)	2,70 €	3,21 €	3,59 €
TP027	Automated immunohistochemistry (antibody conditions provided by the researcher)	12,00 €	14,28 €	25,08 €
TP028	Automated overnight immunohistochemistry (antibody conditions provided by the researcher)	23,00 €	27,37 €	48,07 €
TP029	Immunohistochemistry - Optimization of the experimental conditions for a specific antibody	150,00 €	178,50 €	custom fee
TP030	Automated TMA (TISSUE MICROARRAYS) construction (per tissue core)	2,40 €	2,86 €	5,02 €
TP031	LASER MICRODISSECTION with the Leica LMD7000 system. Price includes technical advice.	15,00 €	17,85 €	31,35 €
TP032	Sample preparation for Laser microdissection (frozen sample, per sample)	14,00 €	16,66 €	29,26 €
TP033	Sample preparation for Laser microdissection (FFPE sample, per sample)	12,00 €	14,28 €	25,08 €
TP034	High resolution whole slide scanning (per slide)	3,10 €	3,69 €	6,48 €
TP249	Multi-headed (multi-viewer) microscope use (per hour)	5,00 €	5,95 €	10,45 €
Ref	PROCESSING TECHNIQUES	INTERNAL	CAMPUS CLÍNIC	EXTERNAL
TP048	Serum isolation (400ul)	13,90 €	16,54 €	23,35 €
TP049	Plasma isolation (500ul)	15,60 €	18,56 €	26,21 €
TP050	Urine isolation (500ul)	12,70 €	15,11 €	21,34 €
TP051	Buffy Coat isolation (1ml)	12,50 €	14,88 €	21,00 €
TP253	Donor nervous tissue processing and/or post-mortem neuropathological study	custom fee	custom fee	custom fee
TP035	Purification, freezing and storage of PBMCs (5M/ml vial)	68,60 €	81,63 €	115,25 €
TP436	Purification, freezing and storage of granulocytes (5M/ml vial)	86,00 €	102,34 €	144,48 €
Ref	MOLECULAR TECHNIQUES	INTERNAL	CAMPUS CLÍNIC	EXTERNAL
TP044	Automated DNA purification from fluid samples using the Chemagic MSM1 (Chemagen, from max. 7ml of sample)	6,60 €	7,85 €	11,09 €
TP045	Automated DNA purification from fluid samples using the QIAcube (Qiagen, from max. 200ul of sample)	4,10 €	4,88 €	6,89 €
TP038	Automated RNA purification from frozen tissue using the QIAcube (Qiagen)	11,50 €	13,69 €	24,04 €
TP039	Automated DNA purification from frozen tissue using the QIAcube (Qiagen)	8,80 €	10,47 €	18,39 €
TP040	Automated RNA+DNA purification from frozen tissue using the QIAcube (Qiagen)	14,00 €	16,66 €	29,26 €
TP041	Automated RNA purification from paraffin-embedded tissue using the QIAcube (Qiagen)	10,60 €	12,61 €	22,15 €
TP042	Automated DNA purification from paraffin-embedded tissue using the QIAcube (Qiagen)	7,50 €	8,93 €	15,68 €
TP043	Automated RNA+DNA purification from paraffin-embedded tissue using the QIAcube (Qiagen)	15,00 €	17,85 €	31,35 €
TP251	Manual molecular purification from tissue samples (RNA or DNA purification, and double RNA+DNA purification)	custom fee	custom fee	custom fee
Ref	TECHNICAL SUPPORT	INTERNAL	CAMPUS CLÍNIC	EXTERNAL
TP006	Multicentric studies collection management	custom fee	custom fee	custom fee
TP381	Use of specialised software	custom fee	custom fee	N/A
TP383	Use of technical equipment	custom fee	custom fee	N/A