

Scientific and Technical support

Service	Description	Delivery	Price (€/h)		
			(1)	(2)* ¹	(3)* ¹
Scientific and technological support	Scientific and technical support and advice on immunogen design, immunoreagent synthesis and production, antibody production and immunoassay design and development.	Scientific report	35	42	52

(1) CIBER-BBN/CSIC, (2) Official centers, (3) Private Enterprises. *¹ IVA not included

Policlonal Antibody Development

Service	Time	Description	Delivery	Price (€/mg)		
				(1)	(2)* ¹	(3)* ¹
Standard Protocol	15 weeks	<ul style="list-style-type: none"> • Discussion of the project details. • 2 Rabbits. • Pre-immune bleeding. • 4 immunizations/rabbit. • Test Bleeds are taken 10 days after each immunization and screened by ELISA 	<ul style="list-style-type: none"> • 5 ml pre-immune serum. • 5 ml serum test bleeding./rabbit • 50-80 ml serum final bleeding/rabbit • ELISA report 	810	1000	1350
Standard Protocol 3 rabbits	15 weeks	<ul style="list-style-type: none"> • 3 Rabbits. • 4 immunizations/rabbit. 		1125	1390	1875
Extended protocol	24 weeks	<ul style="list-style-type: none"> • 2 Rabbits. • 6 immunizations/rabbit 		1015	1255	1695
Extended protocol 3 rabbits	24 weeks	<ul style="list-style-type: none"> • 3 Rabbits. • 6 immunizations/rabbit 		1435	1775	2395

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Monoclonal Antibody Development

Service	Time	Description	Delivery	Price (€/mg)		
				(1)	(2)* ¹	(3)* ¹
PHASE 1: Immunization and ELISA titration	7-10 weeks	<ul style="list-style-type: none"> •Discussion and details of project •Antigen provided by the customer •4 Mice/3 Rats •Standard protocol or customized design •Pre-immune bleed and intermediate bleeding for immunisation control •ELISA titer determinations 	ELISA report /test bleeds	620	775	1030
PHASE 2: Cell Fusion, Selection and First Screening	4-6 weeks	<ul style="list-style-type: none"> •Fusion of splenocytes and myeloma cells (two fusions). •Plating the fusion product into 96 well culture plates. •Screening supernatants from the growing hybridoma wells by ELISA. •Selection of up to 5 antibody positive hybridoma wells. 	ELISA report /supernatants	1700	2125	2835
PHASE 3: Cloning and Subcloning by limiting dilution	4-6 weeks	<ul style="list-style-type: none"> •Cloning of selected hybridomas (up to 5) •Cloning screening •Positive clones are subcloned to select pure and stable expressing clones 	1-3 clones ELISA report	2270	2835	3780
PHASE 4: Expansion and Freezing	2-4 weeks	<ul style="list-style-type: none"> •Expansion of 3 selected clones •Cryoconservation of selected clones •Mycoplasma test of selected clones 	2 cryovials/clone 10 ml supernatant/ clone	865	1040	1300
Phase I+II+III+IV	20-26 weeks		TOTAL	5455	6775	8945

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Prices 2018

In Vitro Production of Monoclonal Antibody

Service	Description	Delivery	Price (€/mg)		
			(1)	(2)* ¹	(3)* ¹
In Vitro Production of Monoclonal Antibody	•Hybridoma cells are grown in CELLine Integra mini-fermentors.	1-14mg antibody	45	56	75
		15-29 mg antibody	26	33	44
		30-49 mg antibody	19	23	31
		50-100mg antibody	16	20	27

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Antibody Purification

Service	Description	Delivery	Price (€/mg)		
			(1)	(2)* ¹	(3)* ¹
Antibody Purification by Ammonium Sulfate Precipitation	•Ammonium sulfate precipitation.	Purified antibody	18	22	29
Antibody Purification by antigen affinity chromatography	• Affinity cromatography Protein G, Protein A or antigen affinity cromatography (160 € extra charge/ antigen) •Determination of IgG content.	1-14 mg antibody	37	46	61
		15-29 mg antibody	29	36	48
		30-49 mg antibody	21	27	36
		50-100mg antibody	19	24	32

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Antibody Production and Purification

Service	Description	Delivery	Price (€/mg)		
			(1)	(2)* ¹	(3)* ¹
Antibody Production and Purification Protein G		1-14 mg antibody	82	102	136
		15-29 mg antibody	55	69	92
		30-49 mg antibody	40	50	67
		50-100mg antibody	35	44	59

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Hapten Protein Bioconjugation

Service	Scale (mg)	Price (€/mg)		
		(1)	(2)* ¹	(3)* ¹
One-step Bioconjugation	5-9	116	143	188
	10-25	58	72	94
	26-29	29	36	47
	30-49	19	24	31
Two-step Bioconjugation	5-9	152	188	243
	10-25	75	88	110
	26-29	41	51	66
	30-49	29	36	46

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