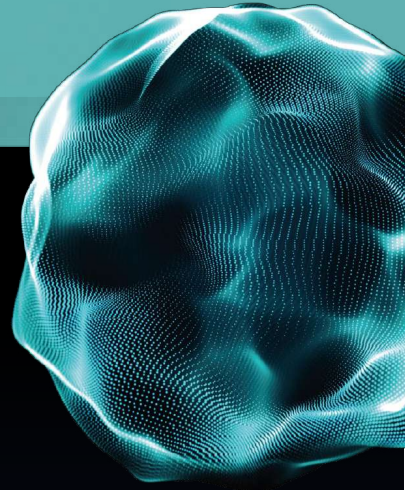
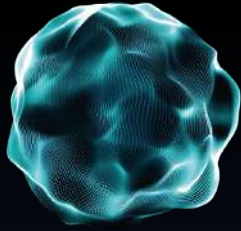
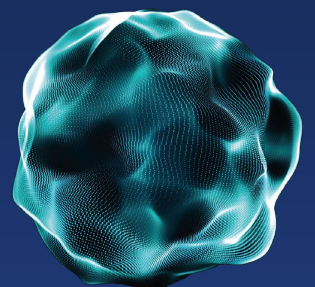
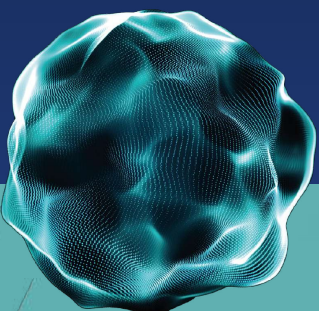


PRODUCT CATALOG



POLY - DTECH

[www.poly-dtech.com](http://www.poly-dtech.com)



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# OUR COMPANY

Who we are | Our values



# 1 | WHO WE ARE

Poly-Dtech is a French company specializing in the **field of in vitro diagnostics (IVD) and life sciences**. The company develops and produces high-performance fluorescent nanoparticles with unique characteristics to improve the detection of biomarkers in the service of scientific research and medical diagnosis, offering higher detection sensitivity with user-friendly protocols applicable in various molecular and cellular biology techniques.

Poly-Dtech's technology is the result of many years of work and collaboration between experts in nanoparticle synthesis, spectroscopy, medical imaging and IVD techniques in Hong Kong and France. This synergy has made it possible to create state-of-the-art **lanthanide-based fluorescent nanoparticles with unparalleled performance**. Their unique characteristics allow results that far exceed all existing products. They improve the detection of all types of biomarkers in various types of samples at different concentration levels. Bright-Dtech technology opens the door to a whole new world of possibilities in health and biology.

Through our collaborations, we want to **improve current screening** and early diagnosis of diseases. This will make it possible, in the future, to promote the success of treatments and the quality of care for patients. By marketing our products, we also aim to promote access to care for all.

Thus, our teams make sure to take into consideration the problems of today and tomorrow in order to find an appropriate solution.



# 2 | OUR VALUES

At Poly-Dtech, there are values. They are present in our daily lives and are a vector of performance. It is important to transmit them because they are anchored in our procedures, in our management, in our practices, and in our relationships.

## Expertise

The Poly-Dtech team is made up of experts in chemistry and biology, recognized in their field. Poly-Dtech's expertise is the company's main resource. Thanks to the skills of its employees, the company continues to evolve by offering innovative and high-performance products.

## Human

The human is the main resource of this company, it is therefore put forward. It is necessary that everyone is considered, that social relations are good, and this requires transmission of know-how and collaboration. In addition, the company's mission is to improve screening and thus improve the lives of sick people.

## Performance

The company offers innovative products but above all high-performance products. The products offered bring many advantages compared to what is already in place on the market. It offers products that will improve and facilitate the daily life of users.

## Innovation

Poly-Dtech is a R&D company, its core business is innovation. R&D, by definition, must produce new and more efficient products at every moment. It is through the innovation of current fluorescent markers that the company's products find their place on the market.

## Conviction

Poly-Dtech is convinced of the importance, usefulness and validity of technology to revolutionize diagnostics and promote access to healthcare on a global scale. In addition, we believe that diversity, equality, and inclusion are necessary for a company if it wants to be successful and bring well-being to stakeholders.



# OUR PRODUCTS

Bright-Dtech kits | Link-Dtech kits  
TR-FRET kits | TR-FLISA kits |  
COVID Tests



# 1 | BRIGHT-DTECH KITS

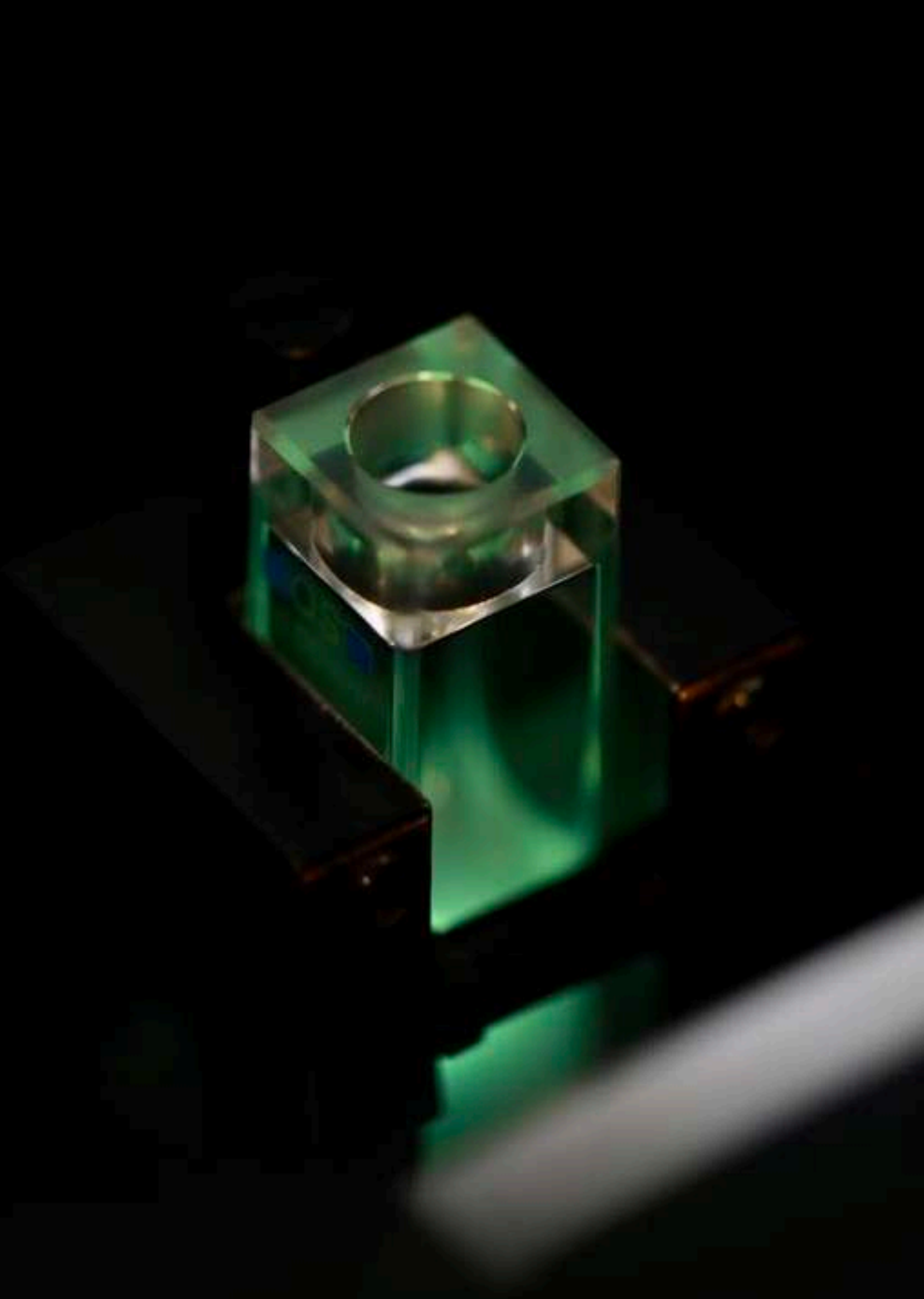
The first **product range** we offer is the Bright-Dtech™ range.

With Bright-Dtech™, we offer you an innovative solution to have a higher detection sensitivity with easy-to-use protocols, applicable in various molecular and cellular biology techniques. This patented technology based on lanthanide nanoparticles allows to increase the performance of current fluorescent markers in different applications (Immunoassays, cell imaging, flow cytometry, lateral flow, dot Blot). Bright-Dtech™ is also used in the TR-FRET technique, offering excellent results.

Due to lanthanide's fingerprinting emission spectrum, Bright-Dtech™ can be incorporated with other Bright-Dtech™ nanoparticles to achieve multiple detection of biomarkers or proteins in the same biological sample.

Our technology couples a wide range of proteins. The proteins below are coupled with Bright-Dtech™ in all its fluorescent colours. Do not hesitate to contact us to find out the best one suits your work.







## Bright-Dtech 545 - Tb (Green)

Bright-Dtech 545 is optimally excited at 340 nm (30 nm) with an emission maximum at 545 nm. It can be used in instruments with lasers or monochromators that can excite the nanoparticle at 340 nm.

All our products have a concentration of  $1 \cdot 10^{-8}$  M.

All our prices do not include taxes.

Without coupling		
BDT545	250µl	255,00 €
	500µl	464,00 €
	1ml	798,00 €
	1,5ml	1 048,00 €
	2 x 1,5ml	1 964,00 €
	3 x 1,5ml	2 830,00 €
	4 x 1,5ml	3 516,00 €

Streptavidin		
BDT545STRP	250µl	365,00 €
	500µl	663,00 €
	1ml	1 140,00 €
	1,5ml	1 498,00 €
	2 x 1,5ml	2 806,00 €
	3 x 1,5ml	4 044,00 €
	4 x 1,5ml	5 023,00 €

Biotin		
BDT545BIO	250µl	302,00 €
	500µl	550,00 €
	1ml	946,00 €
	1,5ml	1 243,00 €
	2 x 1,5ml	2 328,00 €
	3 x 1,5ml	3 356,00 €
	4 x 1,5ml	4 169,00 €

Anti-Rabbit IgG (H+L)		
BDT545RAB	250µl	456,00 €
	500µl	828,00 €
	1ml	1 425,00 €
	1,5ml	1 872,00 €
	2 x 1,5ml	3 507,00 €
	3 x 1,5ml	5 055,00 €
	4 x 1,5ml	6 278,00 €

Anti-Mouse IgG (H+L)		
BDT545MOU	250µl	456,00 €
	500µl	828,00 €
	1ml	1 425,00 €
	1,5ml	1 872,00 €
	2 x 1,5ml	3 507,00 €
	3 x 1,5ml	5 055,00 €
	4 x 1,5ml	6 278,00 €

Anti-Goat IgG (H+L)		
BDT545GOA	250µl	456,00 €
	500µl	828,00 €
	1ml	1 425,00 €
	1,5ml	1 872,00 €
	2 x 1,5ml	3 507,00 €
	3 x 1,5ml	5 055,00 €
	4 x 1,5ml	6 278,00 €

Anti-Human IgG (H+L)		
BDT545HUM	250µl	456,00 €
	500µl	828,00 €
	1ml	1 425,00 €
	1,5ml	1 872,00 €
	2 x 1,5ml	3 507,00 €
	3 x 1,5ml	5 055,00 €
	4 x 1,5ml	6 278,00 €





# Bright-Dtech 575 – Dy (Yellow)

Bright-Dtech 575 is optimally excited at 340nm (30 nm) with an emission maximum at 575 nm. It can be used in instruments with lasers or monochromators that can excite the nanoparticle at 340 nm.

All our products have a concentration of  $1 \cdot 10^{-8}$  M.

All our prices do not include taxes.

Without coupling			Anti-Rabbit IgG (H+L)		
BDT575	250µl	285,00 €	BDT575RAB	250µl	507,00 €
	500µl	493,00 €		500µl	880,00 €
	1ml	827,00 €		1ml	1 476,00 €
	1,5ml	1 078,00 €		1,5ml	1 924,00 €
	2 x 1,5ml	1 993,00 €		2 x 1,5ml	3 559,00 €
	3 x 1,5ml	2 860,00 €		3 x 1,5ml	5 106,00 €
	4 x 1,5ml	3 545,00 €		4 x 1,5ml	6 330,00 €
Streptavidin			Anti-Mouse IgG (H+L)		
BDT575STRP	250µl	406,00 €	BDT575MOU	250µl	507,00 €
	500µl	704,00 €		500µl	880,00 €
	1ml	1 181,00 €		1ml	1 476,00 €
	1,5ml	1 539,00 €		1,5ml	1 924,00 €
	2 x 1,5ml	2 847,00 €		2 x 1,5ml	3 559,00 €
	3 x 1,5ml	4 085,00 €		3 x 1,5ml	5 106,00 €
	4 x 1,5ml	5 064,00 €		4 x 1,5ml	6 330,00 €
Biotin			Anti-Goat IgG (H+L)		
BDT575BIO	250µl	337,00 €	BDT575GOA	250µl	507,00 €
	500µl	584,00 €		500µl	880,00 €
	1ml	980,00 €		1ml	1 476,00 €
	1,5ml	1 278,00 €		1,5ml	1 924,00 €
	2 x 1,5ml	2 363,00 €		2 x 1,5ml	3 559,00 €
	3 x 1,5ml	3 391,00 €		3 x 1,5ml	5 106,00 €
	4 x 1,5ml	4 203,00 €		4 x 1,5ml	6 330,00 €
			Anti-Human IgG (H+L)		
			BDT575HUM	250µl	512,00 €
				500µl	885,00 €
				1ml	1 481,00 €
				1,5ml	1 928,00 €
				2 x 1,5ml	3 563,00 €
				3 x 1,5ml	5 111,00 €
				4 x 1,5ml	6 335,00 €

Free delivery from 1200€



Antibodies are produced in Goat (with the exception of anti-goat antibodies which are produced in Rabbit). We can change the host species if necessary (upon request).



# Bright-Dtech 600 - Sm (Orange)

Bright-Dtech 600 is optimally excited at 340 nm (30 nm) with an emission maximum at 600 nm. It can be used in instruments with lasers or monochromators that can excite the nanoparticle at 340 nm.

All our products have a concentration of  $1.10^{-8}$  M.

All our prices do not include taxes.

Without coupling		
BDT600	250µl	283,00 €
	500µl	492,00 €
	1ml	826,00 €
	1,5ml	1 076,00 €
	2 x 1,5ml	1 992,00 €
	3 x 1,5ml	2 858,00 €
	4 x 1,5ml	3 544,00 €

Streptavidin		
BDT600STRP	250µl	405,00 €
	500µl	703,00 €
	1ml	1 180,00 €
	1,5ml	1 538,00 €
	2 x 1,5ml	2 846,00 €
	3 x 1,5ml	4 084,00 €
	4 x 1,5ml	5 063,00 €

Biotin		
BDT600BIO	250ul	336,00 €
	500ul	583,00 €
	1ml	979,00 €
	1,5ml	1 276,00 €
	2 x 1,5ml	2 362,00 €
	3 x 1,5ml	3 389,00 €
	4 x 1,5ml	4 202,00 €

Anti-Rabbit IgG (H+L)		
BDT600RAB	250ul	506,00 €
	500ul	878,00 €
	1ml	1 475,00 €
	1,5ml	1 922,00 €
	2 x 1,5ml	3 557,00 €
	3 x 1,5ml	5 105,00 €
	4 x 1,5ml	6 328,00 €

Anti-Mouse IgG (H+L)		
BDT600MOU	250µl	506,00 €
	500µl	878,00 €
	1ml	1 475,00 €
	1,5ml	1 922,00 €
	2 x 1,5ml	3 557,00 €
	3 x 1,5ml	5 105,00 €
	4 x 1,5ml	6 328,00 €

Anti-Goat IgG (H+L)		
BDT600GOA	250µl	506,00 €
	500µl	878,00 €
	1ml	1 475,00 €
	1,5ml	1 922,00 €
	2 x 1,5ml	3 557,00 €
	3 x 1,5ml	5 105,00 €
	4 x 1,5ml	6 328,00 €

Anti-Human IgG (H+L)		
BDT600HUM	250µl	506,00 €
	500µl	878,00 €
	1ml	1 475,00 €
	1,5ml	1 922,00 €
	2 x 1,5ml	3 557,00 €
	3 x 1,5ml	5 105,00 €
	4 x 1,5ml	6 328,00 €



Antibodies are produced in Goat (with the exception of anti-goat antibodies which are produced in Rabbit). We can change the host species if necessary (upon request).



# Bright-Dtech 614 - Eu (Red)

Bright-Dtech 614 is optimally excited at 340 nm (30 nm) with an emission maximum at 614 nm. It can be used in instruments with lasers or monochromators that can excite the nanoparticle at 340 nm.

All our products have a concentration of  $1 \cdot 10^{-8}$  M.

All our prices do not include taxes.

Without coupling		
BDT614	250µl	287,00 €
	500µl	495,00 €
	1ml	829,00 €
	1,5ml	1 080,00 €
	2 x 1,5ml	1 995,00 €
	3 x 1,5ml	2 862,00 €
	4 x 1,5ml	3 547,00 €

Streptavidin		
BDT614STRP	250µl	410,00 €
	500µl	708,00 €
	1ml	1 185,00 €
	1,5ml	1 543,00 €
	2 x 1,5ml	2 851,00 €
	3 x 1,5ml	4 089,00 €
	4 x 1,5ml	5 068,00 €

Biotin		
BDT614BIO	250µl	340,00 €
	500µl	587,00 €
	1ml	983,00 €
	1,5ml	1 280,00 €
	2 x 1,5ml	2 366,00 €
	3 x 1,5ml	3 393,00 €
	4 x 1,5ml	4 206,00 €

Anti-Rabbit IgG (H+L)		
BDT614RAB	250µl	512,00 €
	500µl	885,00 €
	1ml	1 481,00 €
	1,5ml	1 928,00 €
	2 x 1,5ml	3 563,00 €
	3 x 1,5ml	5 111,00 €
	4 x 1,5ml	6 335,00 €

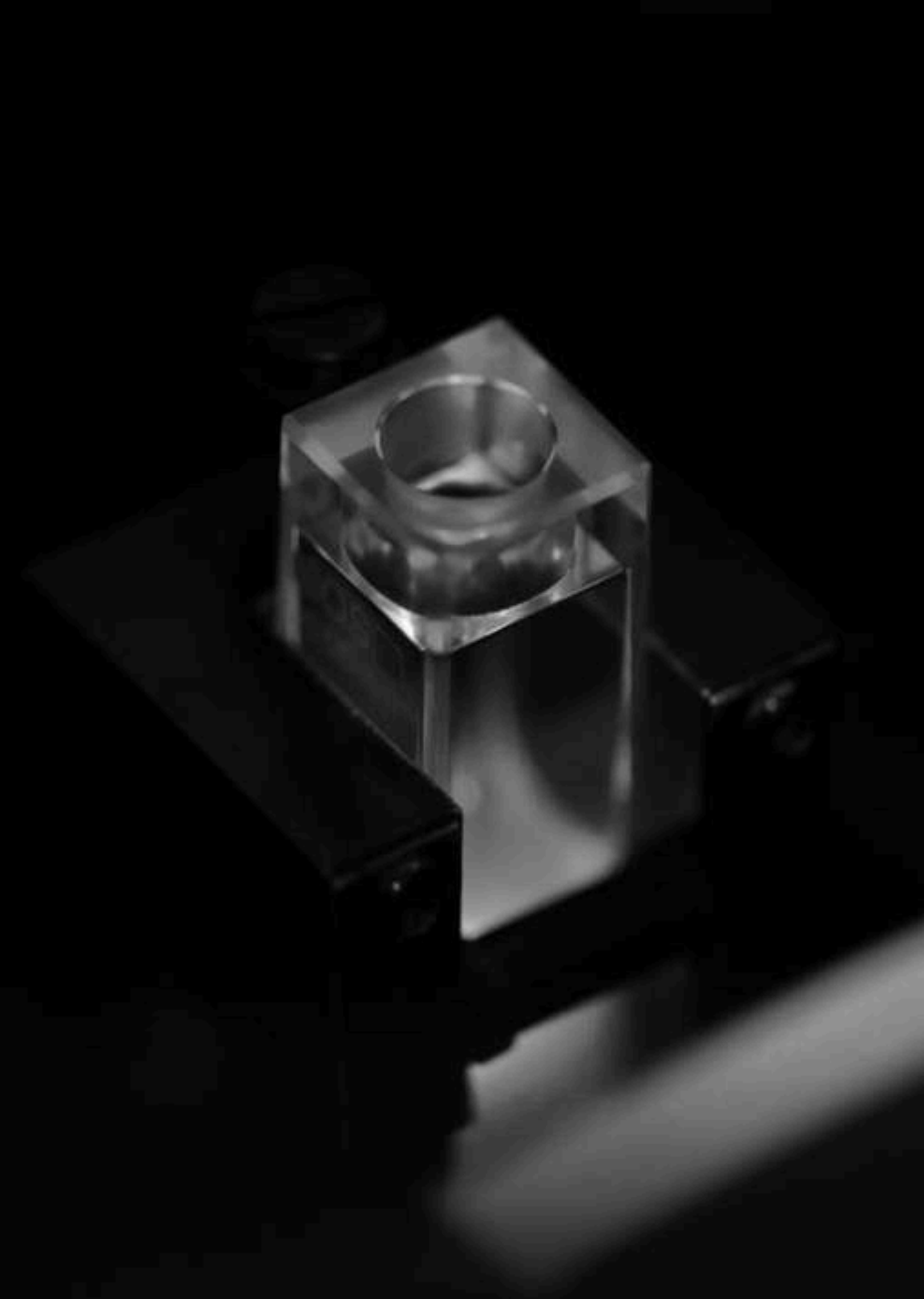
Anti-Mouse IgG (H+L)		
BDT614MOU	250µl	512,00 €
	500µl	885,00 €
	1ml	1 481,00 €
	1,5ml	1 928,00 €
	2 x 1,5ml	3 563,00 €
	3 x 1,5ml	5 111,00 €
	4 x 1,5ml	6 335,00 €

Anti-Goat IgG (H+L)		
BDT614GOA	250µl	512,00 €
	500µl	885,00 €
	1ml	1 481,00 €
	1,5ml	1 928,00 €
	2 x 1,5ml	3 563,00 €
	3 x 1,5ml	5 111,00 €
	4 x 1,5ml	6 335,00 €

Anti-Human IgG (H+L)		
BDT614HUM	250µl	512,00 €
	500µl	885,00 €
	1ml	1 481,00 €
	1,5ml	1 928,00 €
	2 x 1,5ml	3 563,00 €
	3 x 1,5ml	5 111,00 €
	4 x 1,5ml	6 335,00 €



Antibodies are produced in Goat (with the exception of anti-goat antibodies which are produced in Rabbit). We can change the host species if necessary (upon request).





## Bright-Dtech 880 - Nd (Infrared)

Bright-Dtech 880 is optimally excited at 340 nm (30 nm) with an emission maximum at 880 nm. It can be used in instruments with lasers or monochromators that can excite the nanoparticle at 340 nm.

All our products have a concentration of  $1 \cdot 10^{-8}$  M.

All our prices do not include taxes.

Without coupling		
BDT880	250µl	266,00 €
	500µl	474,00 €
	1ml	808,00 €
	1,5ml	1 059,00 €
	2 x 1,5ml	1 974,00 €
	3 x 1,5ml	2 841,00 €
	4 x 1,5ml	3 526,00 €

Streptavidin		
BDT880STRP	250µl	380,00 €
	500µl	678,00 €
	1ml	1 155,00 €
	1,5ml	1 513,00 €
	2 x 1,5ml	2 821,00 €
	3 x 1,5ml	4 059,00 €
	4 x 1,5ml	5 038,00 €

Biotin		
BDT880BIO	250µl	315,00 €
	500µl	562,00 €
	1ml	958,00 €
	1,5ml	1 255,00 €
	2 x 1,5ml	2 341,00 €
	3 x 1,5ml	3 368,00 €
	4 x 1,5ml	4 181,00 €

Anti-rabbit IgG (H+L)		
BDT880RAB	250µl	475,00 €
	500µl	847,00 €
	1ml	1 443,00 €
	1,5ml	1 891,00 €
	2 x 1,5ml	3 526,00 €
	3 x 1,5ml	5 073,00 €
	4 x 1,5ml	6 297,00 €

Anti-mouse IgG (H+L)		
BDT880MOU	250µl	475,00 €
	500µl	847,00 €
	1ml	1 443,00 €
	1,5ml	1 891,00 €
	2 x 1,5ml	3 526,00 €
	3 x 1,5ml	5 073,00 €
	4 x 1,5ml	6 297,00 €

Anti-Goat IgG (H+L)		
BDT880GOA	250µl	475,00 €
	500µl	847,00 €
	1ml	1 443,00 €
	1,5ml	1 891,00 €
	2 x 1,5ml	3 526,00 €
	3 x 1,5ml	5 073,00 €
	4 x 1,5ml	6 297,00 €

Anti-human IgG (H+L)		
BDT880HUM	250µl	475,00 €
	500µl	847,00 €
	1ml	1 443,00 €
	1,5ml	1 891,00 €
	2 x 1,5ml	3 526,00 €
	3 x 1,5ml	5 073,00 €
	4 x 1,5ml	6 297,00 €



Antibodies are produced in Goat (with the exception of anti-goat antibodies which are produced in Rabbit). We can change the host species if necessary (upon request).



## Bright-Dtech 980 - Yb (Infrared)

Bright-Dtech 980 is optimally excited at 340 nm (30 nm) with an emission maximum at 980 nm. It can be used in instruments with lasers or monochromators that can excite the nanoparticle at 340 nm.

All our products have a concentration of  $1.10^{-8}$  M.

All our prices do not include taxes.

Without coupling		
BDT980	250µl	271,00 €
	500µl	480,00 €
	1ml	814,00 €
	1,5ml	1 064,00 €
	2 x 1,5ml	1 980,00 €
	3 x 1,5ml	2 846,00 €
	4 x 1,5ml	3 532,00 €

Streptavidin		
BDT980STRP	250µl	388,00 €
	500µl	686,00 €
	1ml	1 163,00 €
	1,5ml	1 521,00 €
	2 x 1,5ml	2 829,00 €
	3 x 1,5ml	4 067,00 €
	4 x 1,5ml	5 046,00 €

Biotin		
BDT980BIO	250µl	322,00 €
	500µl	569,00 €
	1ml	965,00 €
	1,5ml	1 262,00 €
	2 x 1,5ml	2 348,00 €
	3 x 1,5ml	3 375,00 €
	4 x 1,5ml	4 188,00 €

Anti-rabbit IgG (H+L)		
BDT980RAB	250µl	485,00 €
	500µl	857,00 €
	1ml	1 453,00 €
	1,5ml	1 901,00 €
	2 x 1,5ml	3 536,00 €
	3 x 1,5ml	5 083,00 €
	4 x 1,5ml	6 307,00 €

Anti-mouse IgG (H+L)		
BDT980MOU	250µl	485,00 €
	500µl	857,00 €
	1ml	1 453,00 €
	1,5ml	1 901,00 €
	2 x 1,5ml	3 536,00 €
	3 x 1,5ml	5 083,00 €
	4 x 1,5ml	6 307,00 €

Anti-Goat IgG (H+L)		
BDT980GOA	250µl	485,00 €
	500µl	857,00 €
	1ml	1 453,00 €
	1,5ml	1 901,00 €
	2 x 1,5ml	3 536,00 €
	3 x 1,5ml	5 083,00 €
	4 x 1,5ml	6 307,00 €

Anti-human IgG (H+L)		
BDT980HUM	250µl	485,00 €
	500µl	857,00 €
	1ml	1 453,00 €
	1,5ml	1 901,00 €
	2 x 1,5ml	3 536,00 €
	3 x 1,5ml	5 083,00 €
	4 x 1,5ml	6 307,00 €



Antibodies are produced in Goat (with the exception of anti-goat antibodies which are produced in Rabbit). We can change the host species if necessary (upon request).

# 2 | LINK-DTECH KITS

## Link-Dtech range

Link-Dtech™ is the second product range that we have developed. Based on Bright-Dtech™, it offers so many advantages. This range is composed of conjugation kits that make it easy to perform binding reactions without the need for specialized chemical capabilities. The kits are designed to be robust and universal to any type of given analyte, antibody and other biological products. Additionally, you can control your entity around the nanoparticle.

Link-Dtech™ allows you to make your own couplings yourself.

All our prices do not include taxes.

These coupling kits are available in the same spectrum colors as Bright-Dtech™ with a concentration of 1.10<sup>-8</sup> M.



### Best choice

#### Link-Dtech 545 – Tb (Green)

Tb		
LDT545	200µl	311,60 €
	2ml	882,00 €
	8ml	2 380,00 €

#### Link-Dtech 575 – Dy (Yellow)

Dy		
LDT575	200µl	353,30 €
	2ml	923,70 €
	8ml	2 421,70 €

#### Link-Dtech 600 – Sm (Orange)

Sm		
LDT600	200µl	351,60 €
	2ml	922,00 €
	8ml	2 420,00 €



Best choice

Link-Dtech 614 – Eu (Red)

Eu		
LDT614	200µl	356,60 €
	2ml	927,00 €
	8ml	2 425,00 €

Link-Dtech 980 – Yb (Infrared)

Yb		
LDT980	200µl	334,00 €
	2ml	905,00 €
	8ml	2 403,00 €



Link-Dtech 880 – Nd (Infrared)

Nd		
LDT880	200µl	326,60 €
	2ml	897,00 €
	8ml	2 395,00 €



# 3 | TR-FRET KITS

## What is TR-FRET:

TR-FRET is the combination of TRF (Time-resolved fluorometry) that offer low background with FRET (Förster resonance energy transfer) that offers a homogeneous assay. It is a transfer of energy resulting from an interaction between two light-sensitive molecules (an acceptor and a donor). The transfer is possible thanks to the compatibility of the wavelengths of the two chromophores.

Using our Bright-Dtech™ as a donor, background noise will be reduced/suppressed. Composed of lanthanides, our nanoparticles have the particularity of having a long lifetime, i.e. they emit long fluorescence (several milliseconds). Thus, it is possible to have a delay between the excitation/emission of the nanoparticle and the reading. Thanks to this delay, the background noise is suppressed, and the reliability increased.

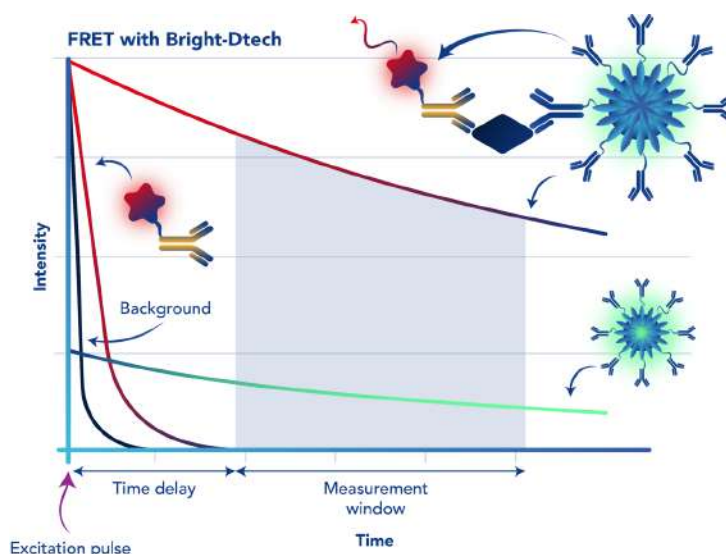
By combining FRET and our technology, our immunoassays are an analytical method which can be used for the detection and the quantification of specific proteins, biomolecules, peptides, cytokines, hormones or antibodies,

present in serum, plasma or cell culture supernatant.

This method is economic, fast, wash-free and eliminates background fluorescence.

Moreover, with Bright-Dtech™, limit of detection and dynamic range are improved.

You can discover our range of ready-to-use TR-FRET kits for the following biomarkers:



## TR-FRET KITS

Biomarker	Reference	Number of tests	Price
Human IgG	FRET-hIgG	96, 480, 960, 9600, 19200	Upon request
PSA	FRET-PSA	96, 480, 960, 9600, 19200	

We are currently developing new tests in our R&D center, visit our website to discover them.

# 4 | TR-FLISA KITS

TR-FLISA (Time Resolved - Fluorescence-linked immunosorbent assay) is a variant of the ELISA analysis technique which consists of replacing the enzymatic reaction by fluorescence. The objective is to detect and quantify specific proteins.

TR-FLISA by Poly-Dtech :

- Decreased limit of detection
- Low background noise
- Long photostability
- Reduced working time (from 4h to 2h)

Poly-Dtech with its **Bright-Dtech™** technology, has developed its own FLISA kits applicable in different approaches such as Sandwich FLISA and Indirect FLISA.



## TR-FLISA KITS

Biomarker	Reference	Number of tests	Price
SARS-CoV-2 N protein humain IgG	FLI-hCovid19NIgG	96, 480, 960, 9600, 19200	Upon request
α-HER2 (Trastuzumab)	FLI-aHER2	96, 480, 960, 9600, 19200	

We are currently developing new tests in our R&D center, visit our website to discover them.

# 5 | COVID TESTS

Poly-Dtech is committed to the fight against Covid-19. For more than two years, we have been selling two types of rapid tests: CoviDtech and RapiDtech.

## **RapiDtech – Antigen tests**

This rapid test is intended for the qualitative detection of human SARS-CoV-2 antigen which is detectable in the upper respiratory tract during the acute phase of infection. It enables rapid diagnosis that will help healthcare professionals treat patients and control disease more effectively and quickly.

This device is an immunochromatography-based test. The nasopharyngeal (nose) or oropharyngeal (in the mouth) sample is collected using a swab. The appearance of a colored band indicates the presence of the antigen. The antigen is detectable during the first symptoms or 3 to 7 days after contact with a sick person.

RapiDtech tests for the detection of Covid-19 antigen (SARS-CoV-2) are available in kits of 20 tests and are packaged in France. They consist of 20 test cassettes, 20 sterile swabs, 20 extraction tubes, 2 extraction buffers and 1 leaflet.

### **Benefits:**

- Easy to use - no specific equipment required
- Quick reaction – 15min
- Low cost
- Immediate identification of infected patients



**94%**

RapiDtech  
Sensitivity  
Rate

**99%**

Specificity rate  
of the SARS-  
Cov-2 test

**ISO13485**

Certification  
and guarantee  
of quality



## Covidtech – Antibody Tests

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This rapid test is intended for the qualitative detection of IgG and IgM antibodies against SARS-CoV-2.

This device is a serology test based on immunochromatography. This test simultaneously detects two types of antibodies (IgM and IgG) via two drops of blood. The appearance of a colored band indicates the presence of the antibody. The level of IgM antibodies begins to be truly detectable around 1 week after the initial infection, while IgG usually appears within 14 days of infection and can last for several months or even years.

Covidtech tests for the detection of Covid-19 (SARS-CoV-2) are available in kits of 25 tests. They consist of 25 test cassettes, 25 capillary pipettes, 25 safety lancets, 1 dilution buffer and 1 leaflet.

For information, the sale of *in vitro* diagnostic devices for public use is limited to healthcare professionals (hospitals, pharmacies, doctors, laboratories, etc.) in order to obtain reliable results.

This Covidtech serological test for the detection of COVID-19 was recently added to the platform of the Ministry of Health.

### Benefits:

- Easy to use - no specific equipment required
- Quick reaction – 15min
- Performance values in line with those of the Haute Autorité de Santé
- Gives a result during and after contamination



**96%**

Covidtech  
sensitivity  
rate

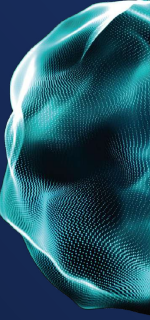
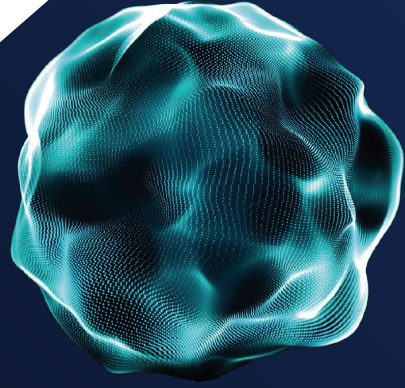
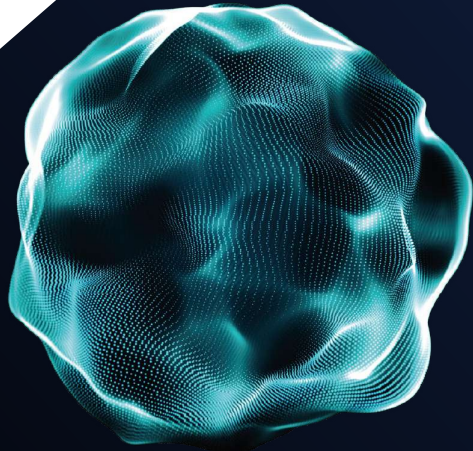
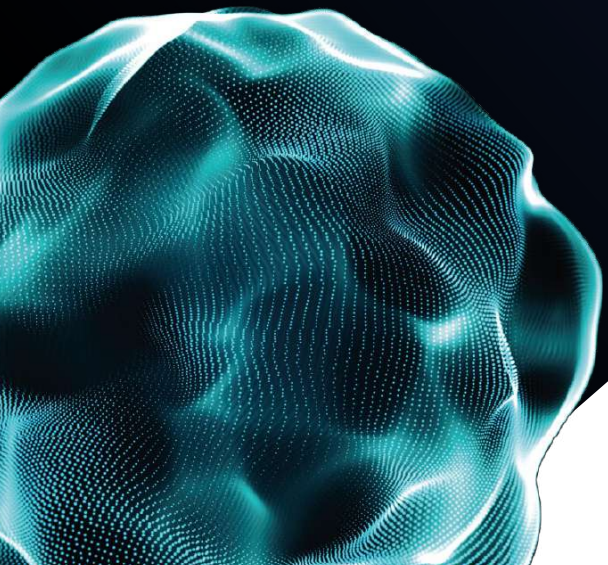
**100%**

Specificity rate  
of the << SARS-  
Cov-2 test

**CE**

Certification  
and guarantee  
of quality

**ENHANCE YOUR DETECTION**





# OUR SERVICES

Custom coupling |  
Assay development |  
Nanoparticles development

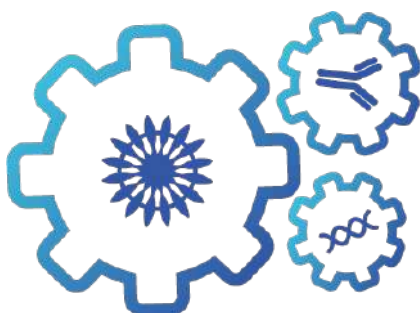
# 1 | BRIGHT-DTECH™ CUSTOM COUPLING

Send us your biological entity, we will couple it with our nanoparticles.

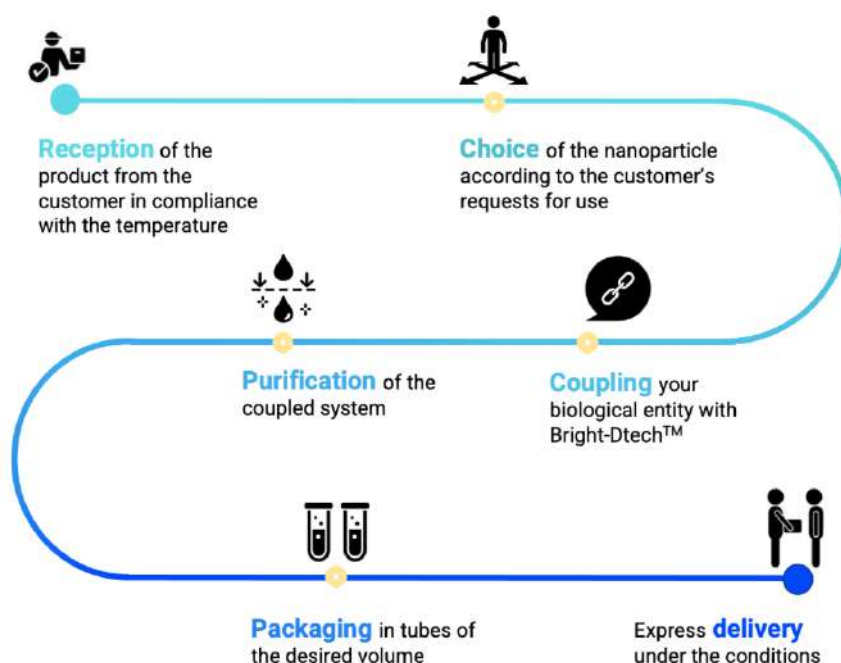
In order to best meet the needs and problems of our customers, we offer a tailor-made service. Indeed, based on our experience, we couple your sensitive or precious products with our nanoparticles.

This service allows you to take advantage of the performance of our technology, even with a complex project. At Poly-Dtech, we like to work on varied and rich projects, and thus push our limits.

We can also couple your chromophore on interest with our biological entities.



This service is subject to a careful and rigorous process to ensure excellent quality and reproducibility.



You can now contact us at the following address: [contact@poly-dtech.com](mailto:contact@poly-dtech.com) to submit your request and we will contact you to set all the conditions.

The duration of a service is approximately 3 working days excluding transport.

# 2 | CUSTOM ASSAY DEVELOPMENT

We develop tailor-made tests for you. We offer you to develop your tailor-made test with Bright-Dtech™:

- Your Lateral Flow (rapid test)
- Your TR-FLISA
- Your TR-FRET

Our teams, qualified in test design, will take care of your request. You will therefore have a product that meets your needs.

The first step in this development process will be to define the specifications of the project and the best strategy to apply. After that, precise and optimal performance conditions will be studied for each step of the test protocol (coating, saturation, antigen, detection, washing, incubation time and temperature, etc.). Finally, after validation of the method (reliable, robust and precise results), a ready-to-use test will be provided to you.



## TR-FLISA

Poly-Dtech offers custom development of immunoassays that undergo a meticulous and rigorous process to ensure excellent quality and reproducibility.

We offer three types of services:

- Development, validation and manufacture of a ready-to-use fluorescence ELISA kit according to your needs.
- Routine testing of customer samples
- Transfer of trials and on-site training

## TR-FRET

Our company proposes you a customized development of TR-FRET which undergoes a thorough and rigorous process to guarantee excellent quality and reproducibility without washing.

## Lateral Flow

We also offer custom development of Lateral Flow Immunoassays (LFA). We ensure quality and reproducibility.

We offer the development, validation and manufacture of ready-to-use LFA kits that will meet your expectations.

# 3 | CUSTOM NANOPARTICLES DEVELOPMENT

This third service concerns our famous nanoparticles.

Our Bright-Dtech™ and Link-Dtech™ ranges offer standard nanoparticles that allow many diagnostic manipulations. However, we know that each project is different and that our technology can be useful in other sectors. This is why we provide a service that will allow you to personalize your nanoparticle(s).

Choose the performance you need to realize your projects, whether in the life science sector or elsewhere.

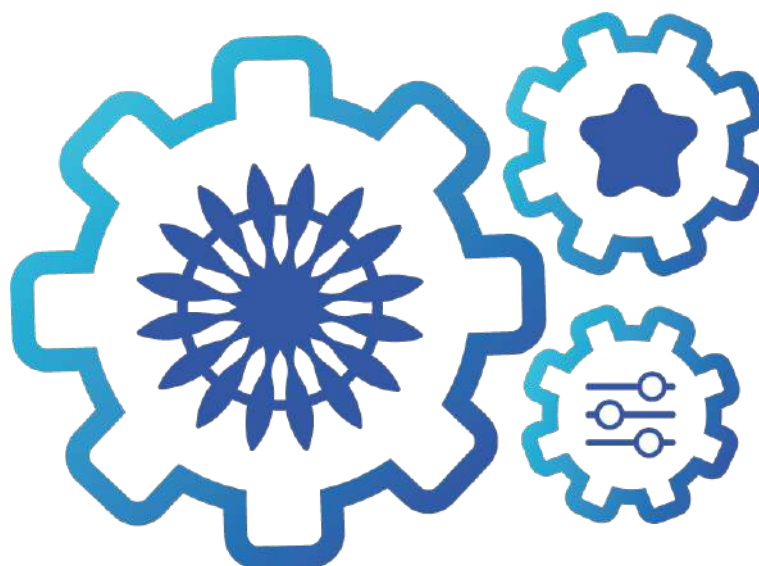
Indeed, our technology can be adapted to other areas. It can, for example, be used for anti-counterfeiting marking, or even fossil fuel marking

Do not hesitate to contact us ([contact@poly-dtech.com](mailto:contact@poly-dtech.com)) to develop a new project.

## Adjustable parameters

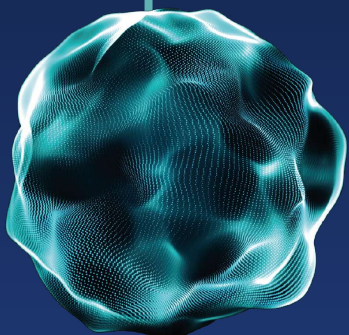
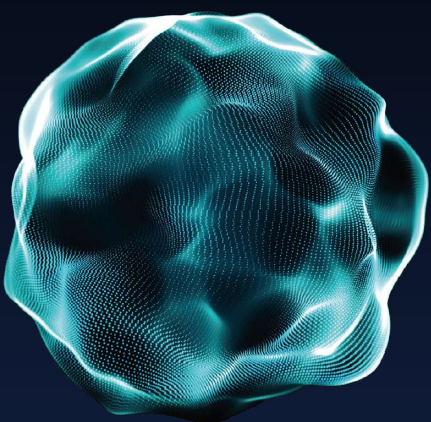
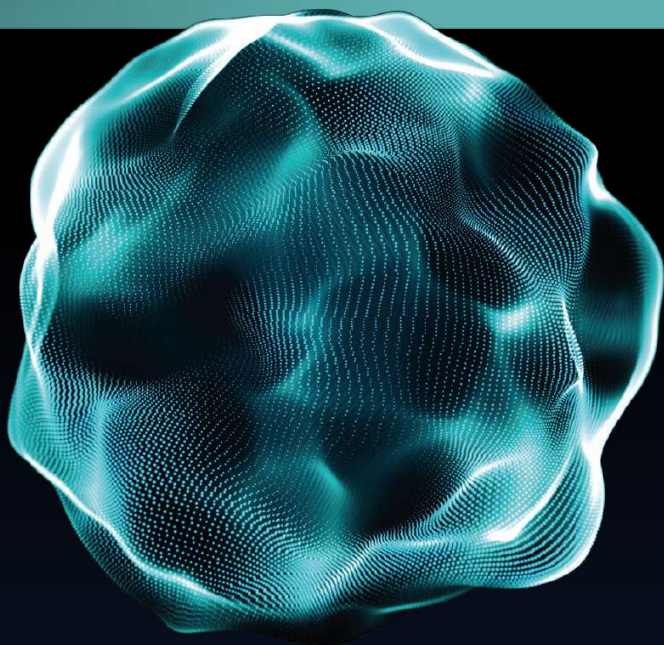
Your nanoparticle can be adapted at different levels:

- Brightness
- Size
- Lifetime
- Composition
- Color
- Environment (solid, organic solvent)
- Application





# CONTACT US



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