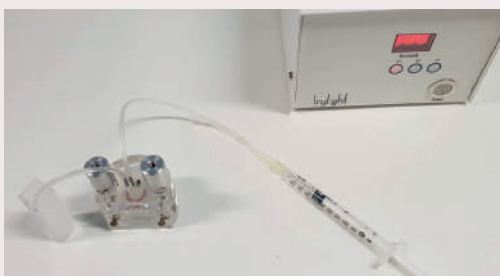


trylight



Trylight for biosensing

When an antibody is irradiated by TRYLIGHT it covalently binds any noble metal surface by standing upright! put a quartz cuvette that contains a solution of IgG in PBS or water in the TRYLIGHT holder, irradiate it for 30sec and then deliver the activated antibodies to the surface by drop casting or using a suitable fluidic circuit (syringe or pump and pipes) #biosensor #qcm

Lamp type: PR7GL-5 253.7 .nm

Technical data

LAMP BODY

pure quartz of European origin

PIPE DIAMETER

10 mm

FORM

U

LENGTH

total pin body excluding 45 mm

WIDTH

40 mm

SUPPLY VOLTAGE

12 Vdc

LAMP CURRENT

170 mA

WORKING FREQUENCY

35 KHz

UV EMISSION WAVELENGTH

TYPE

PR7GL-5 253.7 nm UV

PRODUCTION AT 253.7 nm:

400 μ W / cmq

OPERATING TEMPERATURE:

-10 to 70 °C

HUMIDITY

max 95%

CONNECTION FEET

tungsten diam. 0.5 m

www.trylight.eu

info@trylight.eu

How Trylight works

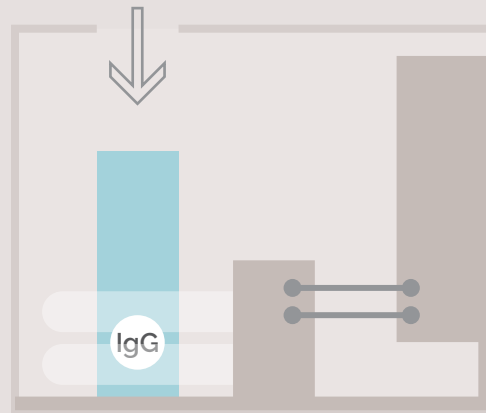
1

A solution of IgG antibodies is pipetted in a quartz cuvette



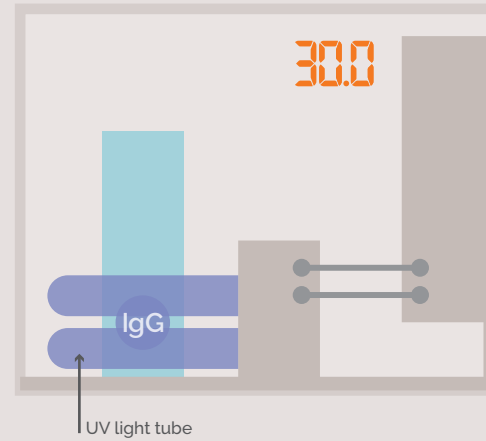
2

The quartz cuvette is placed inside the device



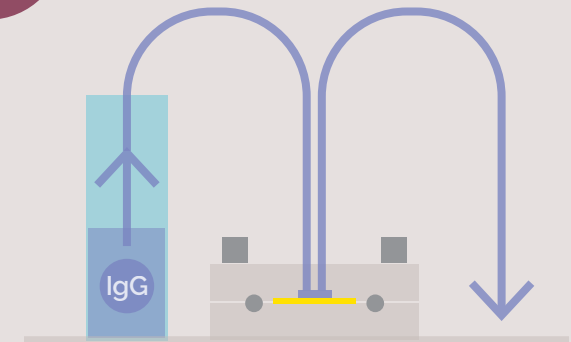
3

The UV irradiation of 30 s is started



4

The irradiated solution can be conveyed onto any gold transducer by fluidics and/or dropping





How to order

You can order your Trylight directly on line at www.trylight.eu or by e-mail at info@trylight.eu



Cost

The cost of Trylight is 540 Eurovat excluded



Payment

You can pay on line via paypal with most of credit cards or you can pay by banck transfer. Ask further details at in-fo@trylight.eu



Shipping

We can ship Trylight worldwide. Ask for a specific quotation at in-fo@trylight.eu



Info

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