

# Top considerations for choosing the best components for your diagnostic kit

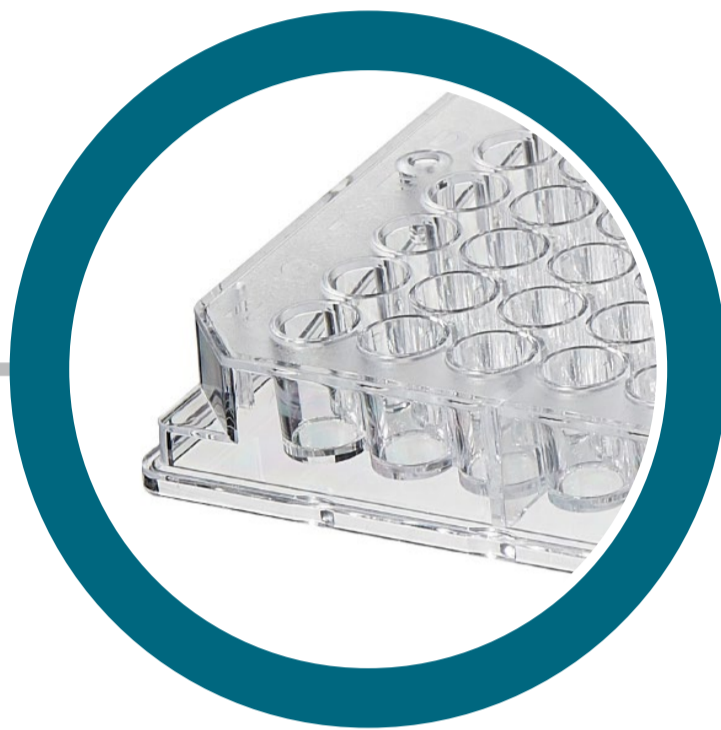


Get it right from the start and save time and money

## Lots of time / money / investment goes into creating diagnostic kits

But how much consideration goes into choosing the kit components to ensure your products are reliable and perform at their maximum?

What factors should you look for and what could be the cost of getting it wrong?



### Quality factors

Quality is an approach to the common goal of exceeding your customers' expectations. When it comes to your diagnostic kit\* components and packaging for sensitive reagents you not only have to ensure your customer's satisfaction, but also comply with stringent regulatory standards from concept to long-term supply.

#### What quality aspects should you look for in a partner?



Integrated quality management systems to provide you with product validation summaries and manufacturing certificates



Regulatory teams in place to ensure ongoing compliance with the highest industry regulations



Stringent processes in selecting virgin resins and raw materials



ISO-certified and cleanroom manufacturing facilities



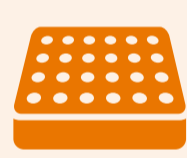
Guaranteed leakproof\*\* bottle combination system

### Vendor relationship

The success of your production workflow and ultimately your revenue depends on the services and communication offered by your suppliers. With this in mind, it is best to work with a partner with leadership in plastics and polymer engineering expertise and who can guide you in the best solutions for your specific requirements.



#### You should work with a partner who can offer:



A full line of standard or specialized plastics, and the scientific knowledge to help you determine which high-purity resin will work best with your product



A dedicated commercial/supply cross functional team to understand the unique nature of your business



Innovate product design to increase chemical compatibility or ensuring the polymers used are in line with modern science, toxicity, and sustainability



Research and development and engineering teams to collaborate with you and help solve your business challenges

### Cost

Each diagnostic kit will have its own set of unique performance, quality, and functional requirements which the components must achieve. It can be tempting to specify customized solutions to ensure these criteria are met – however this can incur extra cost which could squeeze margins.

#### To keep control of your costs, what should you look for in a supplier?



A global product portfolio to help you find fast solutions



Thousands of off-the-shelf products available to fit your needs. It can be more efficient to integrate "off-the-shelf products" which can reduce procurement lead times and cost for larger volumes



Products available in sterile and non-sterile versions



Worldwide manufacturing and supply-chain infrastructure to sustain business in the most challenging times



When you need a global partner to help provide solutions with worldwide support, Thermo Fisher Scientific is ready to be that partner.



We can provide expert guidance ready to support your project and fast-track your diagnostic development.

Contact us now to request a free diagnostic bottle or immunoassay plate sample pack, or to discuss your specific project requirements.

[www.thermofisher.com/oemdiagnostickits](http://www.thermofisher.com/oemdiagnostickits)

\*Provided for general laboratory use unless otherwise specified. It is the customer's responsibility to ensure that the performance of the product is suitable for the specific use or application.

\*\*The term "leakproof" applies to Thermo Scientific Nalgene products that meet the following criteria: a) Bottle/flask/funnel closure systems with closures smaller than 100mm, after they are filled with water, inverted, withstand air pressure of 2psig for 2 minutes, and no water escapes. b) Bottle/funnel/flask closure systems of larger than 100mm after they are filled with water, inverted for 15 minutes, and no water escapes. Note: these tests, using other liquids, may not yield the same results. To ensure safe usage, customers are advised to test Thermo Scientific Nalgene bottles and closures under conditions of their planned applications. Thermo Scientific Nalgene products are leakproof at ambient temperature and pressure when used with their Nalgene closures.