

# Lab Manager<sup>®</sup>

Mini Product Resource Guide

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# MINI PPPG

PRODUCT

RESOURCE GUIDE

SUPPLIES, CHEMICALS,  
KITS, AND REAGENTS



# Assays, Kits, & Reagents

From ELISA to PCR, purchasing assays and kits can simplify your laboratory research. Assays, kits, and reagents come in a variety of options and it's important to consider your application and laboratory instruments when making purchasing decisions. Finding the option that exactly fits your specifications will save you money and time.



## Purchasing Tip

In the short term, purchasing larger kits may seem more economical. However, if you don't use the supplies before they expire, it will end up costing you in the long run. At the same time, you should make sure to have enough for all your experiments and replicates as using a different lot number can affect your results. Do the calculations to figure out the exact quantities you will require for assays, kits, or reagents and order according to your immediate and short-term needs.

## 6 Questions to ask when purchasing assays, kits, and reagents

What assays, kits, or reagents has your lab used in the past? Did they work well?

Which assays, kits, or reagents are compatible with the instruments you are currently using?

Does the kit or assay contain all the components you require, or will you need to purchase additional reagents?

What quantity of supplies will you require? How often will they be used and when will they expire?

Can the reagents in the assay or kit be purchased separately? Or will you have to purchase a new kit if you run out of a component?

What assays, kits, or reagents have other researchers had success with?



## Manufacturers

Abbotec	<a href="http://www.abbotec.com">www.abbotec.com</a>
Abbott	<a href="http://www.molecular.abbott">www.molecular.abbott</a>
Active Motif	<a href="http://www.activemotif.com">www.activemotif.com</a>
Agilent	<a href="http://www.agilent.com">www.agilent.com</a>
AMSBIO	<a href="http://www.amsbio.com">www.amsbio.com</a>
ATCC	<a href="http://www.atcc.org">www.atcc.org</a>
Beckman Coulter	<a href="http://www.beckmancoulter.com">www.beckmancoulter.com</a>
Bio Basic	<a href="http://www.biobasic.com">www.biobasic.com</a>
Bio-Rad	<a href="http://www.bio-rad.com">www.bio-rad.com</a>
Bio-Synthesis	<a href="http://www.biosyn.com">www.biosyn.com</a>
Biochain	<a href="http://www.biochain.com">www.biochain.com</a>
Bioline Reagents	<a href="http://www.bioline.com">www.bioline.com</a>
BioSupply	<a href="http://www.elisakits.co.uk">www.elisakits.co.uk</a>
Biotium	<a href="http://www.biotium.com">www.biotium.com</a>
Cayman Chemical	<a href="http://www.caymanchem.com">www.caymanchem.com</a>
Cedarlane	<a href="http://www.cedarlanelabs.com">www.cedarlanelabs.com</a>
Creative Diagnostics	<a href="http://www.creative-diagnostics.com">www.creative-diagnostics.com</a>
Elabscience	<a href="http://www.elabscience.com">www.elabscience.com</a>
Empirical Bioscience	<a href="http://www.empiricalbioscience.com">www.empiricalbioscience.com</a>
Expedeon	<a href="http://www.expedeon.com">www.expedeon.com</a>
Integrated DNA	<a href="http://www.idtdna.com">www.idtdna.com</a>
Lucigen	<a href="http://www.lucigen.com">www.lucigen.com</a>
Luminex	<a href="http://www.luminexcorp.com">www.luminexcorp.com</a>
MilliporeSigma	<a href="http://www.emdmillipore.com">www.emdmillipore.com</a>
Molecular Devices	<a href="http://www.moleculardevices.com">www.moleculardevices.com</a>
New England Biolabs	<a href="http://www.neb.com">www.neb.com</a>
PBL Assay Science	<a href="http://www.pblassaysci.com">www.pblassaysci.com</a>
PerkinElmer	<a href="http://www.perkinelmer.com">www.perkinelmer.com</a>
Promega	<a href="http://www.promega.com">www.promega.com</a>
Qiagen	<a href="http://www.qiagen.com">www.qiagen.com</a>
Quansys Biosciences	<a href="http://www.quansysbio.com">www.quansysbio.com</a>
Roche Applied Science	<a href="http://www.roche.com">www.roche.com</a>
Santa Cruz Biotechnology	<a href="http://www.scbt.com">www.scbt.com</a>
Thermo Fisher Scientific	<a href="http://www.thermoscientific.com">www.thermoscientific.com</a>
Waters	<a href="http://www.waters.com">www.waters.com</a>



# Chemicals & Standards

Purchasing the right chemicals is crucial for making reliable laboratory solutions. Chemicals must meet certain standards to ensure quality and consistency in order to obtain the best results. With so many chemical vendors, it's important to ask the right questions and purchase the chemicals that best meet your needs.



## Safety Tip

There are several steps you should take upon your chemical's arrival to ensure the safety of you and your lab workers.

- Review the SDS and store the document in a location that is easily accessible
- Make sure that the chemical is being stored properly and with compatible chemicals
- Educate your lab members on how to properly handle the chemical
- Keep record of the chemical's stock and clean out and dispose of any expired chemicals annually

## 6 questions to ask when purchasing laboratory chemicals

Which chemical brands have been used previously in your lab? Have they met your standards?

What grade of chemical do you require for your application?

What storage solutions do the chemicals require (e.g. fireproof cabinet)? Does your lab have the means to safely store the chemical?

What protective measures will you need to take when handling the chemicals? Does your lab have the means to safely handle the chemical?

How much will you need to purchase? How often will it be used and when will it expire?

What policies are in place at your institution for purchasing chemicals? Are there recommended manufacturers or will you need to go through a central purchasing service?



## Manufacturers

AccuStandard	<a href="http://www.accustandard.com">www.accustandard.com</a>
Agilent	<a href="http://www.genomics.agilent.com">www.genomics.agilent.com</a>
Alfa Chemistry	<a href="http://www.alfa-chemistry.com">www.alfa-chemistry.com</a>
Avantor	<a href="http://www.avantormaterials.com">www.avantormaterials.com</a>
Beckman Coulter	<a href="http://www.beckmancoulter.com">www.beckmancoulter.com</a>
Bio-Rad	<a href="http://www.bio-rad.com">www.bio-rad.com</a>
Cerilliant	<a href="http://www.cerilliant.com">www.cerilliant.com</a>
FUJIFILM Wako Chemicals U.S.A.	<a href="http://www.wakousa.com">www.wakousa.com</a>
GFS Chemicals	<a href="http://www.gfschemicals.com">www.gfschemicals.com</a>
Grainger	<a href="http://www.grainger.com">www.grainger.com</a>
High-Purity Standards	<a href="http://www.highpuritystandards.com">www.highpuritystandards.com</a>
The Lab Depot	<a href="http://www.labdepotinc.com">www.labdepotinc.com</a>
Labchem	<a href="http://www.labchem.com">www.labchem.com</a>
Midland Scientific	<a href="http://www.midlandsci.com">www.midlandsci.com</a>
MilliporeSigma	<a href="http://www.emdmillipore.com">www.emdmillipore.com</a>
National Chemical Laboratories	<a href="http://www.nclonline.com">www.nclonline.com</a>
Prolab Scientific	<a href="http://www.prolabscientific.com">www.prolabscientific.com</a>
ProSource Scientific	<a href="http://www.psscscientific.com">www.psscscientific.com</a>
Reagecon	<a href="http://www.reagecon.com">www.reagecon.com</a>
RICCA Chemical Company	<a href="http://www.riccachemical.com">www.riccachemical.com</a>
Spectrum Chemical Manufacturing	<a href="http://www.spectrumchemical.com">www.spectrumchemical.com</a>
SPEX CertiPrep	<a href="http://www.spexcsp.com">www.spexcsp.com</a>
TCI America	<a href="http://www.tcichemicals.com">www.tcichemicals.com</a>
Thermo Fisher Scientific	<a href="http://www.thermoscientific.com">www.thermoscientific.com</a>