

How does PerkinElmer® package your ³²P? It's Totally up to You.

³²P NEN® Radiochemicals are available in a variety of concentrations, specific activities; shipping, packaging and storage conditions. Use the chart below to pick the combination that is best for you.

³² P-Labeled Compound	Specific Activity [Ci/mmol]	Concentration		Part Numbers			
		[mCi/ml]	[μM]	EasyTide®		Frozen	
				Shipped Ambient Store at 2 - 8 °C		Shipped on Dry Ice Store at -20 °C	
				Packaging: Grey lead lined NENSure™	Packaging: Blue plastic NENSure	Packaging: Grey lead lined NENSure	Packaging: Blue plastic NENSure
ATP, [α- ³² P]-	800	10	12.5	—	—	NEG003X	BLU003X
	3000	10	3.3	NEG503H	BLU503H	NEG003H	BLU003H
CTP, [α- ³² P]-	800	10	12.5	NEG508X	BLU508X	NEG008X	BLU008X
	3000	10	3.3	NEG508H	BLU508H	NEG008H	BLU008H
GTP, [α- ³² P]-	800	10	12.5	—	—	NEG006X	BLU006X
	3000	10	3.3	NEG506H	BLU506H	NEG006H	BLU006H
TTP, [α- ³² P]-	800	10	12.5	NEG505A	BLU505A	NEG005A	BLU005A
	3000	10	3.3	NEG505H	BLU505H	NEG005H	BLU005H
UTP, [α- ³² P]-	800	10	12.5	NEG507X	BLU507X	NEG007X	BLU007X
	800	20	25	NEG507T	BLU507T	—	—
	800	40	50	NEG507C	BLU507C	NEG007C	BLU007C
	3000	10	3.3	NEG507H	BLU507H	NEG007H	BLU007H
	6000	40	6.7	NEG507Z	BLU507Z	NEG007Z	BLU007Z
dATP, [α- ³² P]-	800	10	12.5	NEG512A	BLU512A	—	—
	3000	10	3.3	NEG512H	BLU512H	NEG012H	BLU012H
	6000	20	3.3	NEG512Z	BLU512Z	NEG012Z	BLU012Z
dCTP, [α- ³² P]-	800	10	12.5	NEG513A	BLU513A	NEG013A	BLU013A
	3000	10	3.3	NEG513H	BLU513H	NEG013H	BLU013H
	6000	20	3.3	NEG513Z	BLU513Z	NEG013Z	BLU013Z
dGTP, [α- ³² P]-	3000	10	3.3	NEG514H	BLU514H	—	—
	6000	20	3.3	NEG514Z	BLU514Z	NEG014Z	BLU014Z
3'dATP, [α- ³² P]-	5000	10	2	—	—	NEG026	BLU026
ATP, [γ- ³² P]-	10	2	200	—	—	NEG002	BLU002
	3000	5	1.7	NEG502H	BLU502H	NEG002H	BLU002H
	3000	10	3.3	NEG502A	BLU502A	NEG002A	BLU002A
	6000	10	1.7	NEG502Z	BLU502Z	NEG002Z	BLU002Z
	6000	150	25	—	—	NEG035C	—
GTP, [γ- ³² P]-	6000	10	1.7	NEG504Z	BLU504Z	NEG004Z	BLU004Z
NAD, [³² P]-	800	5	6.3	—	—	NEG023X	BLU023X
pCp, [5'- ³² P]-	3000	10	3.3	—	—	NEG019A	BLU019A

Standard package sizes

- 100 μCi
- 250 μCi
- 500 μCi
- 1 mCi

- EasyTide, shipped ambient in Grey NENSure System with lead insert NEG500 series
- EasyTide, shipped ambient in Blue NENSure System BLU500 series
- Shipped frozen in Grey NENSure System with lead insert NEG000 series
- Shipped frozen in Blue NENSure System BLU000 series

Fresh lot
every Thursday

Some compounds are available in larger quantity packages,
For **product details** or to **place an order**, click on the part numbers in the chart above.

How to choose the ^{32}P that's totally right for you.



NENSure packaging System: Blue versus Grey

For NEN ^{32}P labeled compounds, the NENSure Packaging System is available in your choice of two outer containers:

- Blue plastic: part numbers with BLU prefix
- Grey plastic with a lead lined insert: part numbers with NEG prefix

What are EasyTides? Ready-to-Use

Most NEN ^{32}P labeled compounds are available in a buffer that allows for ambient shipment and storage at 2 - 8 °C. You'll no longer have to waste time waiting for your compound to thaw before use. And as an added feature we've included an inert green dye for ease of use. Just order your EasyTides by selecting the 500 series part numbers.

NEN ^{32}P labeled compounds are also available to be shipped frozen and then stored at -20 °C. For this version, select the 000 series part numbers.

Why not always ship in lead?

Lead is a hazardous material that cannot be readily disposed of and requires caution when handling. Although lead is a good radiation shield, it should only be used when dose rates are significantly high as required by regulatory agencies. Be assured NEN Radiochemicals are always packaged and shipped within regulations. Questions regarding regulations at your facility, consult with your local Radiation Safety Officer.

We understand you may feel more comfortable using lead as a shield, but think of the impact on the environment. You can help reduce the use of lead by ordering your ^{32}P in the Blue NENSure System (BLU prefix) and reusing lead containers. We'll even send you a Grey NENSure free of charge to use over and over again in your lab.

Blue vs. Grey; EasyTide vs. Frozen

It's Totally Your Choice

visit www.perkinelmer.com/totallyrad for a complete product listing