

Only for sites with high nutrient issues

Measuring Phosphorus

Visocolor HE (HIGH) Phosphate Kit

0.05 - 1.0 mg/L

<u>Equipment</u>	Gloves
Comparator block and disc	PO4-1 & PO4-2
Waste container	2 glass test tubes

Warning: Kit contains harmful chemicals. See MSDS for further details

The water temperature should be between 18 and 30 degrees C.

1. Set up the comparator block by inserting the colour comparison disc into the slot. The colour comparison disc should rotate freely.
2. Open both round glass tubes, and rinse thoroughly with sample water.
3. Fill both tubes up to the mark indicated.
4. Place a cap on 1 tube and place it in the left hand position of the comparator block. Insert the other open tube into the right hand position of the comparator block.
5. Add 6 drops of P-1 to the right hand glass tube. Close the cap and mix.
6. Add 6 drops of P-2 to the right hand glass tube, close the cap and mix. Wait 10 minutes (TIP: conduct EC test while waiting)
7. Remove the caps from both vials to begin reading.
8. Turn the colour comparator disc until both colours of the liquid match both colours of the colour comparison disc underneath.
9. Read test results from comparator disc aligned with the groove in the side of the comparator block. Intermediate values can be estimated. Record the value on your datasheet.
10. After use, clean both round glass tube thoroughly, and close the caps. Dispose of samples into your waste container.



Phosphorus concentrations greater than 0.1 mg/L are considered to be very high.