Orthophosphate Test Kit

1.0-10 ppm

TK9975-Z

white caps

KIT COMPONENTS:

PV6500	VM Phosphate
RR1200	Reducing Reagent
0106	Test Tube, square, w/cap
0352	Pipet, Plastic
0353	Pipet, Plastic, 0.5 mL
0354	Pipet, Plastic, 1.0 mL
4414-01	Phosphate Octa-Slide 2 Bar
1101	Octa-Slide Viewer

INTERFERENCES: Turbid or highly colored samples may mask the color change at the endpoint.

ATTENTION: As necessary, calibrate this kit against a known standard made with plant / make-up water. Be sure to collect a representative sample.

SAFETY TIPS:

Wear Gloves

Use Eye Protection

Read SDS

TESTING TIPS:

Collect Accurate Sample

Hold Bottles Vertically

Ensure Proper Lighting

USE OF THE OCTA-SLIDE 2 VIEWER:

The Octa-Slide 2 Viewer should be held so non-direct light enters through the back of the Viewer. Insert the reacted sample into the top of the Viewer. Slide the Octa-Slide 2 Bar into the Viewer and match the color of the reaction to the color standards.

EndPoint ID® Test Procedure

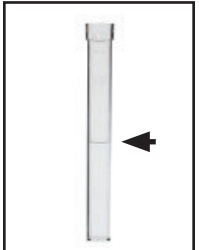
Orthophosphate Test Kit **TK9975-Z**

1 Rinse test tube three times with sample to be tested. **Fill test tube to the 5 mL line.**

2 Use the 1 mL pipet to **add 1.0 mL of VM Phosphate Reagent** (PV6500). Cap and mix by inverting several times.

Wait 5 minutes.

3 Use the plain pipet to **add 3 drops of Reducing Reagent** (RR1200). Cap and mix. The sample should turn blue within 10 seconds.



STEP 1

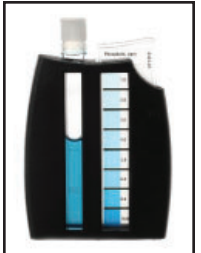
STEP 3

4 **Insert Phosphate Octa-Slide 2 bar** (4414-01) into the Octa-Slide 2 Viewer (1101).

STEP 4

5 **Insert test tube** into Octa-Slide 2 Viewer.

Match the color of the test tube to the color standard. Record as ppm Phosphate (PO_4).



STEP 5

Orthophosphate Test Kit
10-100 ppm

TK9975-Z
white caps

KIT COMPONENTS:

PV6500	VM Phosphate
RR1200	Reducing Reagent
0106	Test Tube, square, w/cap
0352	Pipet, Plastic
0353	Pipet, Plastic, 0.5 mL
0354	Pipet, Plastic, 1.0 mL
4414-01	Phosphate Octa-Slide 2 Bar
1101	Octa-Slide Viewer

INTERFERENCES: Turbid or highly colored samples may mask the color change at the endpoint.

ATTENTION: As necessary, calibrate this kit against a known standard made with plant / make-up water. Be sure to collect a representative sample.

SAFETY TIPS:

Wear Gloves

Use Eye Protection

Read SDS

TESTING TIPS:

Collect Accurate Sample

Hold Bottles Vertically

Ensure Proper Lighting

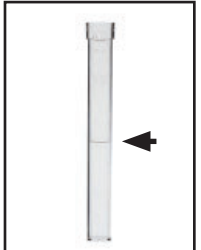
USE OF THE OCTA-SLIDE 2 VIEWER:

The Octa-Slide 2 Viewer should be held so non-direct light enters through the back of the Viewer. Insert the reacted sample into the top of the Viewer. Slide the Octa-Slide 2 Bar into the Viewer and match the color of the reaction to the color standards.

EndPoint ID® Test Procedure

Orthophosphate Test Kit **TK9975-Z**

1 Rinse test tube three times with sample to be tested. Use the 0.5 mL pipet and **add 0.5 mL of the sample to the test tube.** Dilute to the 5 mL line with distilled water.



STEP 1

2 Use the 1 mL pipet to **add 1.0 mL of VM Phosphate Reagent** (PV6500). Cap and mix by inverting several times.

Wait 5 minutes.

3 Use the plain pipet to **add 3 drops of Reducing Reagent** (RR1200). Cap and mix. The sample should turn blue within 10 seconds.

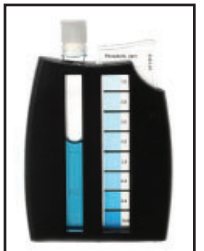
STEP 3

4 **Insert Phosphate Octa-Slide 2 bar** (4414-01) into the Octa-Slide 2 Viewer (1101).

STEP 4

5 **Insert test tube** into Octa-Slide 2 Viewer.

Match the color of the test tube to the color standard. Multiply the results by 10 and record as ppm Phosphate (PO_4).



STEP 5