

Water Testkit Guide

수질검사키트 가이드



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1 어항 및 수족관, 민물용 암모니아 검사

0.2ppm의 낮은 값도 검출가능. 안전하고 독성이 없는 검사키트

Model. P10-Ammo 측정범위

• NH3 : 0.0 / 0.2 / 1.0 / 2.0 / 5.0 ppm

DIP : 3ml WAIT : 30" After : 30"

Ammonia (NH3) ppm(mg/L)	0	0.2	1.0	2.0	5.0
	IDEAL	CAUTION	STRESS	HARMFUL	DANGER

NOTE : 테스트 스트립을 사용하는 적정 시료의 온도는 22°C - 27°C사이 입니다.



2 바닷물 어항 및 수족관용 수질검사

해수 수족관의 수질상태를 측정을 가장 간단하고 빠르게 진행하는 방법. 해수의 pH/ 총알칼리도(Total Alkalinity)/ 아질산(Nitrite) 등을 측정하여 해수의 상태와 해수의 오염정도를 측정.

Model. 3WayKit-Aqua 측정범위

• pH : 7.0 / 7.4 / 7.8 / 8.2 / 8.6 / 9.0 pH

• 총알칼리도(Total Alkalinity) : 0 / 50 / 125 / 180 / 240 / 360 ppm

• 아질산(Nitrite) : 0 / 0.5 / 1.0 / 3.0 / 5.0 / 10 ppm

DIP : 50ml WAIT : 2" After : 20", 1'(Nitrite)

Nitrite ppm(mg/L)	0.0	0.5	1.0	3.0	5.0	10	pH	7.0	7.4	7.8	8.2	8.6	9.0
				Alert	Warning	Danger							
Total Alkalinity ppm(mg/L)	0	50	125	180	240	360							

NOTE : 테스트 스트립을 사용하는 적정 시료의 온도는 22°C - 27°C사이 입니다.



3 잔류 과산화수소 측정용 검사

고가의 Meter가 필요없이 잔류 과산화수소 값을 알 수 있다. 안전하고 독성이 없는 검사키트!

Model. B50-H2O2/H2O2L1 측정범위

• B50-H2O2/H2O2L1 : 0.5 / 2 / 5 / 10 / 25 / 50 / 100 ppm

• B50-H2O2L1 : 0.05 / 0.3 / 0.5 / 1.0 / 2.0 / 4.0 ppm

DIP : 50ml WAIT : 2" After : 15"

Hydrogen-Peroxide[H2O2] ppm(mg/L)	0.5	2	5	10	25	50	100
Hydrogen-Peroxide[H2O2L1] ppm(mg/L)	0.05	0.3	0.5	1.0	2.0	4.0	

NOTE : 테스트 스트립을 사용하는 적정 시료의 온도는 22°C - 27°C사이 입니다.



- ✓ Total Alkalinity
- ✓ Total Hardness
- ✓ Chlorine
- ✓ pH

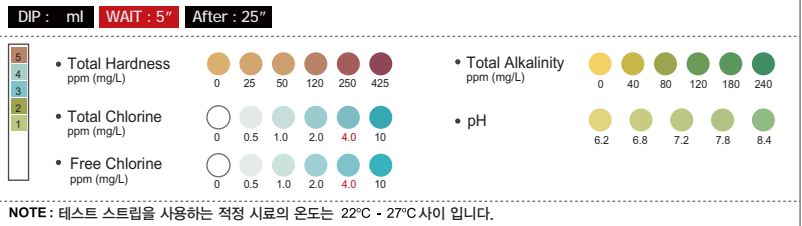


4 음료수용 수질검사

물을 사용할 때 가장 중요한 5개 항목을 간단하게 측정. 스트립 한장으로 5항목 동시측정

Model. 5WayKit-city 측정범위

- pH : 6.2 / 6.8 / 7.2 / 7.8 / 8.4 pH
- 총알칼리도(Total Alkalinity) : 0 / 50 / 120 / 180 / 240 ppm
- 잔류염소(Free Chlorine) : 0 / 0.5 / 1.0 / 2.0 / 4.0 / 10 ppm
- 잔류염소(Total Chlorine) : 0 / 0.5 / 1.0 / 2.0 / 4.0 / 10 ppm
- 총경도(Total Hardness) : 0 / 50 / 125 / 180 / 250 / 425 ppm



- ✓ Total Alkalinity
- ✓ Total Hardness
- ✓ Nitrate
- ✓ pH

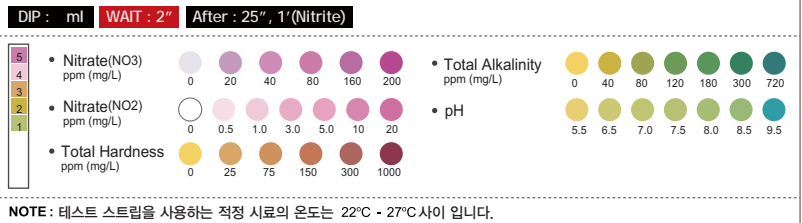


5 하천 및 민물용 수질검사

스트립 한장으로 하천 및 민물에서 중요한 5항목 측정

Model. 5WayKit-Eco 측정범위

- pH : 5.5 / 6.5 / 7.0 / 7.5 / 8.0 / 8.5 / 9.5 pH
- 총알칼리도(Total Alkalinity) : 0 / 40 / 80 / 120 / 180 / 300 / 720 ppm
- 총경도(Total Hardness) : 0 / 25 / 75 / 150 / 300 / 1000 ppm
- 아질산(Nitrate(NO2)) : 0 / 0.5 / 1 / 3 / 5 / 10 / 20 ppm
- 아질산(Nitrate(NO3)) : 0 / 20 / 40 / 80 / 160 / 200 ppm



- ✓ pH

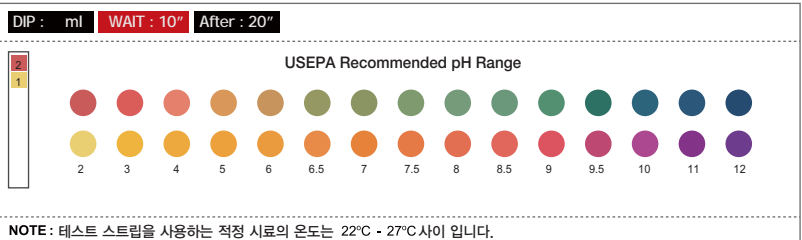


6 다양하게 응용 가능한 pH 검사

스트립의 색깔 변화로 간단하게, 가장 넓은 범위의 pH농도를 측정. 색 대조표가 2개로 되어있어 색깔 대비를 시각적으로 수월하게 사용 가능.

Model. B50-ExpH 측정범위

- pH : 2 / 3 / 4 / 5 / 6 / 6.5 / 7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 / 11 / 12 pH

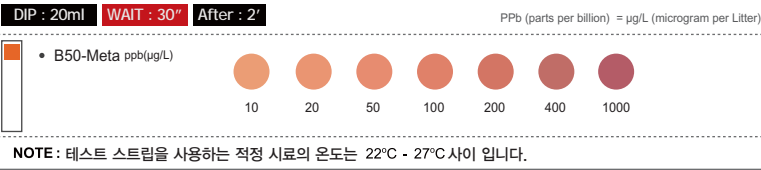


7 총중금속 측정용 수질검사

구리(Cu+2), 이산화탄소(Co+2), 아연(Zn+2), 카드뮴(Cd+2), 니켈(Ni+2)과 같은 다양한 중금속류의 검출 여부를 쉽게 확인 가능

Model. B50-Meta 측정범위

• Metals : < 10 / 20 / 50 / 100 / 200 / 400 / 1000 ppb

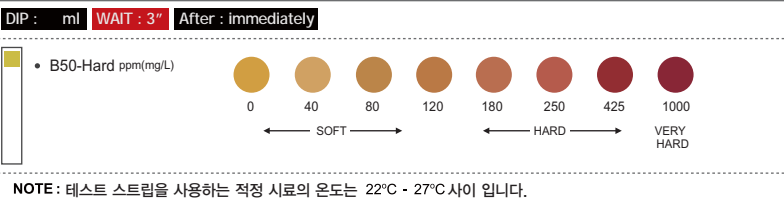


8 총경도 측정용 수질검사

스트립을 이용한 총경도(Total hardness as Calcium Carbene) 측정하여 센물과 단물을 판단. 산업현장이나 교육용으로 사용.

Model. B50-Hard 측정범위

• CaCO₃ : 0 / 40 / 80 / 120 / 180 / 250 / 425 / 1000 ppm



9 잔류염소 측정용 수질검사

스트립의 색깔 변화로 언제 어디서나 손쉽게 잔류염소(Free chlorine) 농도를 확인 가능

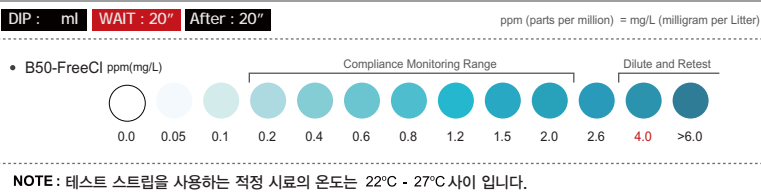
Model. B50-FreeCl 측정범위

• B50-FreeClH1 : 0.0 / 0.05 / 0.1 / 0.2 / 0.4 / 0.6 / 0.8 / 1.2 / 1.5 / 2.0 / 2.6 / 4.0 / 6.0 < ppm

• B50-FreeClH1 : 1.0 / 5 / 10 / 20 / 40 / 80 / 120 ppm

• B50-FreeClH2 : 0 / 25 / 50 / 100 / 200 / 300 / 400 / 500 / 750 ppm

• B50-FreeClH3 : 0 / 25 / 50 / 100 / 200 / 500 / 800 / 1100 / 1500 / 2000 < ppm

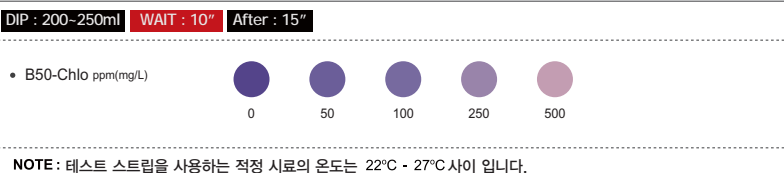


10 염화물 측정용 수질검사

스트립의 색깔 변화로 간단하게, 염화물(Chloride) 측정

Model. B50-Chlo 측정범위

• Chloride : 0 / 50 / 100 / 250 / 500 ppm



11 Water Testkit List

구 분	Model	수량	측 정 범 위
1 금 (Gold)	Pia-Au	40회	0, 2, 5, 10, 20 mg/l
2 납 (Lead)	P5-LeadS	5회	0, 100, 200, 300, 400 (Tests for Lead & other Heavy Metals)
	P2-LeadW	2회	tests for the EPA limit of 15ppb lead in water using lateral flow strip
3 은 (Silver)	B50-Silv	50회	50, 100, 250, 500, 1000 ppb (µg/L)
	Pia-Ag	50회	0, 0.5, 1, 2, ≥5 mg/l
4 철 (Iron)	B25-Iron	25회	0, 0.02, 0.05, 0.1, 0.2, 0.3, 0.5, 0.75, 1.0, 2.0, 5.0 ppm
	B50-IronH1	50회	0, 0.005, 0.01, 0.03, 0.06, 0.1, 0.3, 1.0, 2.0, 5.0, 10, 20, 50 ppm (mg/L)
	Pia-Fe	50회	0.2, 0.5, 1, 2, 5, 10 mg/l
	Pia-Fe(D)	50회	0.05, 0.1, 0.3, 0.5, 1, 2 mg/l
5 수소이온농도 (pH)	B50-ExpH	50회	2, 3, 4, 5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 11, 12
6 구리 (Copper)	B25-Copp	25회	0, 0.5, 1.0, 2.5, 5.0 ppm
	B25-CoppL1	25회	0, 0.05, 0.1, 0.2, 0.4, 1, 2 ppm
	Pia-Cu	50회	0.5, 1, 2, 3, 5, 10 mg/L 이상
7 니켈 (Nickel)	Pia-Ni	50회	0.5, 1, 2, 5, 10 mg/l
8 망간 (Manganese)	P24-MangL1	24회	0.02, 0.05, 0.1, 0.2, 0.4, 1.0, 1.6 ppm (mg/L)
	Pia-Mn	50회	0.5, 1, 2, 5, 10, 20 mg/l
9 붕소 (Boron)	Pia-B	50회	0, 0.5, 1, 2, 5, 10 mg/l
	Pia-B©	50회	0, 5, 10, 20, 50, 100mg/l
10 브롬 (Bromine)	B50-Brom	50회	A : 0.0, 0.5, 1.0, 2.0, 3.0, 4.0, 5.0 ppm (mg/L)
			B : 0.00, 0.05, 0.10, 0.25, 0.50, 0.75 ppm (mg/L)
	K-1610	50회	LR : 0, 0.2, 0.4, 0.6, 0.8, 1.2, 1.6, 2.0 HR : 2, 3, 4, 5, 6, 7, 8, 9, 10 ppm
11 비소 (Arsenic)	Ars50-QuicR2	50회	<0.5, 1, 1.5, 2, 3, 4, 5, 6, 7, 8, 12, >20, >30, >50 ppb (µg/L)
	Ars25-QuicL3	25회	0, 0.3, 0.7, 1.0, 1.5, 2, 2.5, 3, 3.5, 4, 5, 6, 8, 10, 13, 20, >20 ppb (µg/L)
	Ars50-Quic2	50회	<1, 2, 3, 4, 5, 6, 7, 8, 10, 13, 20, 25, 30, 40, >50, >80, >120, >160 ppb (µg/L)
	Ars300-EconQ	300회	0, 0.010, 0.025, 0.05, 0.1, 0.2, 0.3, 0.5, 1.0 ppm (mg/L)
	Ars50-QuicL2	50회	<2, 4, 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 100, >150, >300 ppb (µg/L)
	Ars100-Quic	100회	0, 5, 10, 20, 30, 40, 50, 60, 80, 100, 150, 200, 250, 300, 400, 500, >500 ppb (µg/L)
	Ars5-QuicL3	5회	0.0, 0.3, 0.7, 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4, 5, 6, 8, 10, 13, 20, <20 ppb (µg/L)
	Ars5-QuicR2	5회	<0.5, 1.0, 1.5, 2, 3, 4, 5, 6, 7, 8, 12, >20, >30, > 50 ppb (µg/L)
	Ars5-Quic2	5회	<1, 2, 3, 4, 5, 6, 7, 8, 10, 13, 20, 25, 30, 40, >50, >80, >120, >160 ppb (µg/L)
	Ars5-Quic	5회	0.0, 0.005, 0.01, 0.02, 0.06, 0.1, 0.3, 0.5, >0.5, >0.5 ppm (mg/L)
	Ars5-QuicW	5회	0.0, 0.005, 0.01, 0.02, 0.06, 0.1, 0.3, 0.5, >0.5, >0.5 ppm (mg/L)
12 세제 (Detergents)	K-9400	30회	0, 0.25, 0.50, 0.75, 1.0, 1.5, 2.0, 3.0 ppm
13 수은 (Mercury)	B50-Merc	50회	50, 100, 200, 500, 1000 ppb
	B50-MercL1	50회	0, 0.002, 0.005, 0.01, 0.02, 0.04, 0.08 ppm (mg/L)
14 아연 (Zinc)	B50-Zinc	50회	0, 2, 5, 10, 20, 40, 100 mg/L
	Pia-Zn	50회	0, 0.2, 0.5, 1, 2, ≥5 mg/l
15 염도 (Salinity)	B50-Salt+Con	50회	Salt : 0.0, 9, 18, 26, 35, 44, 53 ppt Conductivity : 02, 1.3, 2.7, 4.0, 5.3, 6.6, 8 (x104 us/cm)
		B16-Salt-Pool	16회
16 오존 (Ozone)	B50-Ozone	50회	0, 0.05, 0.1, 0.2, 0.3, 0.4, > 0.5 ppm (mg/L)
	K-7402	30회	LR : 0, 0.05, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6 ppm HR : 0.6, 0.7, 0.8, 1.0, 1.2, 1.4, 1.6, 1.8, 2.0 ppm
		Pia-O3	50회
17 칼슘 (Calcium)	Pia-Ca	50회	0, 2, 5, 10, 20, ≥50 mg/l
18 크롬 (Chromium)	B50-Chro	50회	<0.1, 0.25, 0.5, 1, 2.5, 5, 10, 25, 50 (mg/L) as Chromium

11 Water Testkit List

구 분	Model	수량	측 정 범 위
19 페놀 (Phenols)	K-8012	30회	LR : 0,0.1,0.2,0.3,0.4,0.6,0.8,1.0 ppm
			HR : 0,1,2,3,4,6,8,10,12 ppm
	K-8012D	30회	LR : 0, 5, 7.5, 10, 15, 20, 25, 30 ppm
			HR : 0, 30, 75, 100, 150, 200, 250, 300, 350 ppm
	K-8012A	30회	LR : 0, 10, 15, 20, 30, 40, 50, 60 ppm
			HR : 0, 60, 150, 200, 300, 400, 500, 600, 700 ppm
	K-8012B	30회	LR : 0, 20, 30, 40, 60, 80, 100, 120 ppm
HR : 0, 120, 300, 400, 600, 800, 1000, 1200, 1400 ppm			
K-8012C	30회	LR : 0, 100, 200, 300, 400, 600, 800, 1000 ppm	
		HR : 0, 1000, 2000, 3000, 5000, 7000, 9000, 11,000, 13,000 ppm	
Pia-PNL	40회	0.2, 0.5, 1, 2, 5, 10 mg/l	
20 규산염 (Silicate)	Pia-SiO2	40회	5, 10, 20, 50, 100, 200 mg/l
	Pia-SiO2(D)	40회	0.5, 1, 2, 5, 10, 20 mg/l
21 글리콜 (Glycol)	K-4815	30회	1,2,3,4,5,6,8,10,15 ppm
22 단백질 (Protein)	B50-Protein	50회	0,0.1,0.2,0.3,0.5,1,2,5 g/L
23 불화물 (Fluoride Free)	Pia-F	50회	0, 0.4, 0.8, 1.5, 3, >=8 mg/l
24 실리카 (Silica)	K-9011	30회	0, 0.02, 0.04, 0.06, 0.08, 0.12, 0.16, 0.20 ppm
	K-9010	30회	LR : 0, 0.1, 0.2, 0.3, 0.4, 0.6, 0.8, 1.0ppm
HR : 1, 2, 3, 4, 5, 6, 7, 8, 10 ppm			
25 암모늄 (Ammonium)	Pia-NH4	50회	Ammonium : 0.2, 0.5, 1, 2, 5 10 mg/l
			Ammoniacal nitrogen : 0.2, 0.5, 1, 2, 5 10
Pia-NH4©	50회	Ammonium : 0, 0.5, 1, 2, 5, 10, >=20	
		Ammoniacal nitrogen : 0, 0.4, 0.8, 1.6, 4, 8, >=16	
26 염화물 (Chloride)	B50-Chlo	50회	0, 50, 100, 250, 500 ppm (mg/L)
	Pia-Cl(D)	40회	0, 2, 5, 10, 20, >=50 mg/l
	K-2002	30회	2.0, 2.2, 2.4, 2.6, 2.8, 3.0, 3.2, 3.6, 4.0, 5.0, 6.0, 7.0, 8.0, 10, 14, 20 ppm
	K-2020	30회	20, 22, 24, 26, 28, 30, 32, 36, 40, 50, 60, 70, 80, 100, 140, 200 ppm
	K-2050	30회	50, 55, 60, 65, 70, 75, 80, 90, 100, 125, 150, 175, 200, 250, 350, 500 ppm
	K-2051	30회	250, 275, 300, 325, 350, 375, 400, 450, 500, 625, 750, 875, 1000, 1250, 1750, 2500 ppm
	K-2055	30회	1000, 1100, 1200, 1300, 1400, 1500, 1600, 1800, 2000, 2500, 3000, 3500, 4000,5000, 7000, 10,000ppm
	K-2070	30회	10,000, 11,000, 13,000, 14,000, 15,000, 16,000, 18,000, 20,000, 25,000, 30,000, 35,000, 40,000, 50,000, 70,000, 100,000ppm
27 요오드 (Iodine)	B50-Iodi	50회	0, 0.02, 0.05, 0.1, 0.2, 0.3, 0.4, 0.5, 1.0, 2.0, 3.0, 4.0, 5.0 ppm (mg/L)
	B50-IodiH1	50회	0, 5, 10, 15, 20, 30, 40, 50, 75, 100, 150, 200, 250, 300 ppm
28 인산염 (Phosphate)	B50-Phos	50회	0, 200, 400, 600, 1000, 2500 mg/l
	Pia-PO4	40회	Phosphorate : 0.2, 0.5, 1, 2, 5, 10 mg/l
			Phosphorate-Phosphorus : 0.1, 0.2, 0.5, 1, 2, 5 mg/l
	Pia-PO4©	50회	Phosphorate : 2, 5, 10, 20, 50, 100 mg/l
			Phosphorate-Phosphorus : 0.66, 1.65, 3.3, 6.6, 16.5, 33 mg/l
	Pia-PO4(D)	40회	Phosphorate : 0.05, 0.1, 0.2, 0.5, 1, 2 mg/l
			Phosphorate-Phosphorus : 0.02, 0.05, 0.1, 0.2, 0.5, 1 mg/l
K-8510	30회	LR : 0, 0.1, 0.2, 0.3, 0.4, 0.6, 0.8, 1.0 ppm	
		HR : 1, 2, 3, 4, 5, 6, 7, 8, 10 ppm	
K-8530	30회	2, 4, 6, 8, 10, 15, 20, 30 ppm	
K-8515	30회	10, 20, 30, 40, 60, 80, 100, 120, 150 ppm	

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구 분	Model	수량	측 정 범 위
28 인산염 (Phosphate)	K-8510D	30회	LR : 0, 5, 7.5, 10, 15, 20, 25, 30 ppm
			HR : 30, 60, 90, 120, 150, 175, 200, 250, 300 ppm
	K-8510A	30회	LR : 0, 10, 15, 20, 30, 40, 50, 60 ppm
			HR : 60, 120, 180, 240, 300, 350, 400, 500, 600 ppm
	K-8510B	30회	LR : 0, 20, 30, 40, 60, 80, 100, 120 ppm
			HR : 120, 240, 360, 480, 600, 700, 800, 1000, 1200 ppm
	K-8510C	30회	LR : 0, 200, 300, 400, 600, 800, 1000, 1200 ppm
			HR : 1200, 2400, 3600, 4800, 6000, 7000, 8000, 10,000, 12,000 ppm
29 총경도 (Total Hardness)	B50-Hard	50회	0, 40, 80, 120, 180, 250, 425, 1000 ppm
	Pia-TH	50회	0, 10, 20, 50, 100, 200 mg/l
30 총질소 (Total Nitrogen)	Pia-TN-i	40회	0, 5, 10, 25, 50, 100 mg/l
31 팔라듐 (Palladium)	Pia-Pd	50회	1, 2, 5, 10, 20, 30, 50 mg/l
32 황산염 (Sulfate)	P30-Sulf	30회	0, 250, >500 ppm (mg/L)
33 황화물 (Sulfide)	Pia-S	40회	0.1, 0.2, 0.5, 1, 2, 5 mg/l
	K-9510	30회	LR : 0, 0.1, 0.2, 0.3, 0.4, 0.6, 0.8, 1.0 ppm
			HR : 1, 2, 3, 4, 5, 6, 7, 8, 10 ppm
	K-9510D	30회	LR : 0, 5, 7.5, 10, 15, 20, 25, 30 ppm
			HR : 30, 60, 90, 120, 150, 175, 200, 250, 300 ppm
	K-9510A	30회	LR : 0, 10, 15, 20, 30, 40, 50, 60 ppm
			HR : 60, 120, 180, 240, 300, 350, 400, 500, 600 ppm
	K-9510B	30회	LR : 0, 20, 30, 40, 60, 80, 100, 120 ppm
HR : 120, 240, 360, 480, 600, 700, 800, 1000, 1200 ppm			
K-9510C	30회	LR : 0, 200, 300, 400, 600, 800, 1000, 1200 ppm	
		HR : 1200, 2400, 3600, 4800, 6000, 7000, 8000, 10,000, 12,000 ppm	
34 과황산염 (Persulfate)	K-7870	30회	LR : 0, 0.7, 1.4, 2.1, 2.8, 4.2, 5.6, 7.0 ppm
			HR : 7, 14, 21, 28, 35, 42, 49, 56, 70 ppm
35 마그네슘 (Magnesium)	Pia-Mg	50회	0, 1, 2, 5, 10, 20 mg/l
36 박테리아 (Bacteria)	P2-Bact	2회	Tests for coliform and non-coliform bacteria, lateral flow strip
	P30-Bact	30회	<10(2), >10(2), >10(4), >10(6), >10(9)
37 시안화물 (Cyanide)	B50-Cn	50회	0.05, 0.1, 0.2, 0.5, 1, 2, 3, 5, >10, >20, <200 ppm(mg/l)
	Pia-Cn	40회	≤0.02, 0.05, 0.1, 0.2, 0.5, 1, 2 mg/l
38 아황산염 (Sulfite Free)	K-9602	30회	2.0, 2.2, 2.4, 2.6, 2.8, 3.0, 3.2, 3.6, 4.0, 5.0, 6.0, 7.0, 8.0, 10, 14, 20 ppm
	K-9605	30회	5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 9.0, 10.0, 12.5, 15.0, 17.5, 20.0, 25.0, 35.0, 50.0 ppm
	K-9610	30회	10, 11, 12, 13, 14, 15, 16, 18, 20, 25, 30, 35, 40, 50, 70, 100 ppm
	K-9650	30회	50, 55, 60, 65, 70, 75, 80, 90, 100, 125, 150, 175, 200, 250, 350, 500 ppm
	Pia-SO3	50회	50, 100, 200, 500, 1000, 2000 mg/l
39 알루미늄 (Aluminum)	Pia-Al	40회	0, 0.05, 0.1, 0.2, 0.5, 1 mg/l
40 알칼리도 (Alkalinity)	B50-pH+Alka	50회	0, 80, 120, 180, 240, 360 ppm
41 암모니아 (Ammonia)	P10-Ammo	10회	0.0, 0.2, 1.0, 2.0, 5.0 ppm
	P25-Ammo	25회	0.0, 0.2, 0.5, 0.75, 1.0, 2.0, 4.0 ppm
42 용존산소 (Dissolved Oxygen)	K-7511	30회	0, 2, 4, 6, 8, 12, 16, 20 ppb
	K-7512	30회	1, 2, 3, 4, 5, 6, 8, 10, 12 ppm
	K-7540	30회	0, 5, 10, 15, 20, 25, 30, 40 ppb
	K-7501	30회	0, 0.05, 0.1, 0.2, 0.3, 0.4, 0.6, 0.8, 1.0 ppm
	K-7599	30회	0, 10, 20, 30, 40, 60, 80, 100 ppb
	K-7512	30회	1, 2, 3, 4, 5, 6, 8, 10, 12 ppm
43 잔류염소 (Free Chlorine)	B50-FreeCl	50회	0.0, 0.05, 0.1, 0.2, 0.4, 0.6, 0.8, 1.2, 1.5, 2.0, 2.6, 4.0, 6.0 < ppm (parts per million)

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43 잔류염소 (Free Chlorine)	B50-FreeClH1	50회	1.0, 5, 10, 20, 40, 80, 120 ppm
	B50-FreeClH2	50회	0, 25, 50, 100, 200, 300, 400, 500, 750 ppm
	B50-FreeClH3	50회	0, 25, 50, 200, 500, 800, 1100, 1500, 2000 ppm
44 총중금속 (Water Metals)	B50-Meta	50회	<10, 20, 50, 10, 100, 200, 400, 1000 ppb
	Pia-Me	50회	0, 0.2, 0.5, 1, 2, ≥5 mg/l
45 칼슘경도 (Calcium Hardness)	K-1705	30회	50,55,60,70,75,80,80,100,125,150,175,200,250,350,500 ppm
	Pia-Ca	50회	0, 5, 12.5, 25, 50, ≥125 mg/l
46 황화수소 (Hydrogen Sulfide)	P30-HySu	30회	0ppm, 0.3ppm, 0.5ppm, 1.0ppm, 2.0ppm (mg/L)
	B50-HySuH1	50회	0, 5, 10, 20, 30, 40, 50, 60, 80, ppm(mg/L)
	B50-HySuL1	50회	LR : 0.005, 0.01, 0.02, 0.03, 0.05, 0.075, 0.1, 0.2 ppm HR : 0.05, 0.05, 0.075, 0.1, 0.2, 0.25, 0.3, 1.0 ppm
47 과망간산염 (Permanganate)	B50-Pema	50회	0.0, 0.05, 0.07, 0.10, 0.20, 0.5, 1.0, 2.0, 3.0 ppm
48 과산화수소 (Hydrogen Peroxide)	B50-H2O2	50회	0.5, 2, 5, 10, 25, 50, 100 ppm (mg/L)
	B50-H2O2L1	50회	0.05, 0.3, 0.5, 1.0, 2.0, 4.0 ppm(mg/L)
	B50-H2O2H1	50회	0, 200, 400, 800, 1600, 2500, 5000, 10000, 30000 ppm(mg/l)
	Pia-H2O2	50회	0.02, 0.1, 0.2, 0.5, 1, 5 mg/l
	Pia-H2O2©	50회	3, 7, 13, 20, 35, 70, 100, 130, 200, 400, 700 mg/l
49 과아세트산 (Peracetic Acid)	K-7905	30회	LR : 0, 0.1, 0.2, 0.3, 0.4, 0.6, 0.8, 1.0 ppm
			HR : 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0 ppm
50 산화방지제 (DEHA)	K-3902	30회	LR : 0, 30, 60, 100, 150, 200, 300, 400 ppb
			HR : 400, 600, 800, 1000, 1200, 1600, 2000, 2500, 3000 ppb
	K-3925	30회	25, 27.5, 32.5, 35, 37.5, 40, 45, 50, 62.5, 75, 87.5, 100, 125, 175, 250 ppm
51 액체전도도 (Conductivity)	B50-Salt+Con	50회	Salt : 0.0, 9, 18, 26, 35, 44, 53 ppt
			Conductivity : 0.2, 1.3, 2.7, 4.0, 5.3, 6.6, 8 (x104 us/cm)
52 이산화염소 (Chlorine Dioxide)	B50-ClDix	50회	A method : 0, 0.1, 0.2, 0.4, 0.6, 0.8, 1.0, 1.2, 1.4, 1.6, >1.6 ppm
			B method : 0, 0.1, 0.15, 0.2, 0.3, >0.3, >0.4 ppm
	K-2705	30회	LR : 0, 0.2, 0.4, 0.6, 0.8, 1.2, 1.6, 2.0 ppm HR : 2, 3, 4, 5, 6, 7, 8, 9, 10 ppm
	Pia-ClO2	50회	0.2, 0.4, 0.6, 1, 2, 5, 10 mg/l
53 질산성질소 (Nitrate Nitrogen)	Pia-NO3	50회	Nitrate-Nitrogen : 0.2, 0.5, 1, 2, 5, 10mg/l
			Nitrate : 1, 2, 5, 10, 20, 45 mg/l
	Pia-NO3©	50회	Nitrate-Nitrogen : 90, 225, 450, 900, 2250, 4500mg/l
			Nitrate : 20, 50, 100, 200, 500, 1000 mg/l
	K-6904	30회	0, 0.25, 0.5, 0.75, 1.0, 1.25, 1.5, 2.0, 3.0 mg/l
	K-6909D	30회	0, 2.5, 5, 7.5, 10, 12.5, 15, 20, 30 ppm
K-6909A	30회	0, 12.5, 25, 37.5, 50, 62.5, 75, 100, 150 ppm	
K-6909B	30회	0, 37.5, 75, 112.5, 150, 187.5, 225, 300, 450 ppm	
54 티오황산염 (Thiosulfate)	K-9705	30회	5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 9.0, 10.0, 12.5, 15.0, 17.5, 20.0, 25.0, 35.0, 50.0 ppm
55 필리밍아민 (Filming Amine)	K-1001	30회	0, 0.05, 0.10, 0.15, 0.25, 0.50, 0.75, 1.0 ppm
56 하이드라진 (Hydrazine)	K-5011	30회	0, 2.5, 10, 20, 30, 40, 50 ppb
	Pia-HYD	40회	0.05, 0.1, 0.2, 0.5, 1, 2 mg/l
57 몰리브덴산염 (Molybdate)	K-6701	30회	0, 1, 2, 3, 4, 5, 6, 7 mg/l
	K-6702	30회	2, 4, 6, 8, 10, 12, 16, 20, 24 ppm
	K-6720	30회	20, 40, 60, 80, 100, 120, 140, 160, 200 ppm
58 아질산성질소 (Nitrite Nitrogen)	Pia-NO2	50회	Nitrite : 0.02, 0.05, 0.1, 0.2, 0.5, 1mg/l
			Nitrite-Nitrogen : 0.005, 0.01, 0.02, 0.05, 0.1, 0.2, 0.5 mg/l

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구 분	Model	수량	측 정 범 위
58 아질산성질소 (Nitrite Nitrogen)	Pia-NO2©	50회	Nitrite :16, 33, 66, 160, 330, ≥660 mg/l Nitrite-Nitrogen : 5, 10, 20, 50, 100, ≥200 mg/l
	K-7004	30회	0,0.25,0.5,0.75,1.0,1.25,1.5,1.75,2.0 ppm
	K-7004D	30회	0, 8,15, 22.5, 30, 37.5, 55, 70 ppm
	K-7004A	30회	0, 15, 30, 45, 60, 80,100,120,150 ppm
	K-7004B	30회	0, 25, 50, 90,110,150,180,220,260 ppm
	K-7004C	30회	0, 250, 500, 900, 1100, 1500, 1800, 2200, 2600 ppm
59 총용존고형물 (TDS)	B50-TDS	50회	0.0, 100, 250, 500, 750 ppm
	B25-TDS-pool	25회	0, 500, 1500, 3000, 5000 ppm
60 포름알데히드 (Formaldehyde)	K-4605	30회	LR : 0,0.1,0.2,0.3,0.4,0.6,0.8,1.0 ppm HR : 1.0,1.5,2.0,2.5,3.0,3.5,4.0,4.5,5.0 ppm
	Pia-FOR	40회	0, 0.1, 0.2, 0.3, 0.5, 1, 2 mg/l
61 크롬산염6가 (Chromate)	K-2810	30회	LR : 0, 0.1, 0.2, 0.3, 0.4, 0.6, 0.8, 1.0 ppm HR : 1, 2, 3, 4, 5, 6, 7, 8, 10 ppm
	Pia-Cr6+	50회	0.05, 0.1, 0.2, 0.5, 1, 2 mg/l
62 암모니아성질소 (Ammonia Nitrogen)	K-1510	30회	LR : 0,0.1,0.2,0.3,0.4,0.6,0.8,1.0 ppm HR : 1,2,3,4,5,6,7,8,10 ppm
	K-1510D	30회	LR : 0, 5, 7.5, 10, 15, 20, 25, 30 ppm HR : 30, 60, 90, 120, 150, 175, 200, 250, 300 ppm
	K-1510A	30회	LR : 0, 10, 15, 20, 30, 40, 50, 60 ppm HR : 60, 120, 180, 240, 300, 350, 400, 500, 600 ppm
	K-1510B	30회	LR : 0, 20, 30, 40, 60, 80, 100, 120 ppm HR : 120, 140, 360, 480, 600, 700, 800, 1000, 1200 ppm
	K-1510C	30회	LR : 0, 100, 200, 300, 400, 600, 800, 1000 ppm HR : 1000, 2000, 3000, 4000, 5000, 6000, 7000, 8000, 10,000 ppm
63 용존이산화탄소 (Carbon Dioxide)	K-1910	30회	10, 11, 12, 13, 14, 15, 16, 18, 20, 25, 30, 35, 40, 50, 70, 100 ppm
	K-1920	30회	100, 110, 120, 130, 140, 150, 160, 180, 200, 250, 300, 350, 400, 500, 700,1000 ppm
	K-1925	30회	250, 275, 300, 325, 350, 375, 400, 450, 500, 625, 750, 875, 1000, 1250, 1750, 2500 ppm
64 질산염 (Nitrate)	B50-NO	50회	NO3 : 0, 0.5, 2, 5, 10, 20, 50 ppm NO2 : 0.15, 0.3, 1, 1.5, 3, 10 ppm
	Pia-NO3	50회	Nitrate-Nitrogen : 0.2, 0.5, 1, 2, 5, 10 mg/l Nitrate : 1,2,5,10,20,45 mg/l
	Pia-NO3©	50회	Nitrate-Nitrogen : 90, 225, 450, 900, 2250, 4500 mg/l Nitrate : 20, 50, 100, 200, 500, 1000 mg/l
65 아질산염 (Nitrite)	B50-NO	50회	NO3 : 0, 0.5, 2, 5, 10, 20, 50 ppm NO2 : 0.15, 0.3, 1, 1.5, 3, 10 ppm
	Pia-NO2	50회	Nitrite : 0.02, 0.05, 0.1, 0.2, 0.5, 1 mg/l Nitrite-Nitrogen : 0.005, 0.01, 0.02, 0.05, 0.1, 0.2, 0.5 mg/l
	Pia-NO2©	50회	Nitrite :16, 33, 66, 160, 330, ≥660 mg/l Nitrite-Nitrogen : 5, 10, 20, 50, 100, ≥200 mg/l
66 글루타르알데히드 (Glutaraldehyde)	K-4302	30회	0.10, 0.11, 0.12, 0.13, 0.14, 0.15, 0.16, 0.18, 0.20, 0.25, 0.30, 0.35, 0.40, 0.50, 0.70, 1.0%
67 화학적산소요구량 (COD)	Pia-COD	50회	0, 5, 10, 13, 20, 50, 100 mg/l
	Pia-COD(D)	50회	0, 2, 4, 6, ≥8 mg/l
	Pia-COD(H)	50회	0, 30, 60, 120, 200, ≥250 mg/l


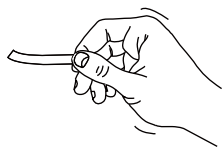

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구 분	Model	수량	측 정 범 위
68 다항목 (Multi Parameter)	B50-pH+Alka	50회	pH : 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0
			총알칼리도 : 0, 80, 120, 180, 240, 360 ppm
	3WayKit-Aqua	50회	pH : 7.0, 7.4, 7.8, 8.2, 8.6, 9.0
			총알칼리도 : 0, 50, 125, 180, 240, 360 ppm
			아질산염 : 0, 0.5, 1.0, 3.0, 5.0, 10 ppm
	AquariaKit1	10회	pH : 7.0, 7.4, 7.8, 8.2, 8.6, 9.0
			총알칼리도 : 0, 50, 125, 180, 240, 360 ppm
			아질산염 : 0.0, 0.2, 0.5, 0.75, 1.0, 2.0, 4.0 ppm
			암모니아 : 0, 0.5, 1.0, 3.0, 5.0, 10 ppm
	4wayKit-City	25회	pH : 2.0, 4.0, 5.0, 6.5, 8.5, 9.5, 10.5, 12.0
			Total Alkalinity : 0, 40, 80, 120, 180, 240, 500 ppm
			Total Chlorine : 0, 0.2, 1.0, 4.0, 10 ppm
			Total Hardness : 0, 50, 120, 250, 425, 1000 ppm
	5wayKit-City	50회	pH : 6.2, 6.8, 7.2, 7.8, 8.4
			Total Alkalinity : 0, 50, 120, 180, 240 ppm
			Free Chlorine : 0, 0.5, 1.0, 2.0, 4.0, 10 ppm
			Total Chlorine : 0, 0.5, 1.0, 2.0, 4.0, 10 ppm
			Total Hardness : 0, 50, 125, 180, 250, 425 ppm
	5wayKit-Eco	25회	pH : 5.5, 6.5, 7.0, 8.0, 8.5, 9.5
			Total Hardness : 0, 25, 75, 150, 300, 1000 ppm
			Total Alkalinity : 0, 40, 80, 120, 180, 300, 720 ppm
			Nitrate(NO3) : 0, 20, 40, 80, 160, 200 ppm
			Nitrite(NO2) : 0, 0.5, 1, 3, 5, 10, 20 ppm
			Iron:0.0, 0.05, 0.1, 0.3, 1.0 ppm
			Copper : 0, 0.1, 0.5, 1.0, 2.0 ppm (mg/L)
			Chloride : 0, 250, 500 ppm (mg/L)
			Total Nitrate - NO3 : 0, 2.0, 10, 20, 50 ppm (mg/L) (as N)
			Nitrite Nitrogen - NO2 : 0, 0.2, 1.0, 1.5, 3.0 ppm (mg/L) (asN)
Schoolkit-com	각 2회 (박테리아 1회)	pH : 2.0, 4.0, 5.0, 6.5, 8.5, 9.5, 10.5, 12	
		Total Alkalinity : 0, 80, 120, 180, 240, 500 ppm (mg/L)	
		Total Chlorine : 0, 0.2, 1, 4, 10 ppm (mg/L)	
		Total Hardness : 0, 50, 120, 250, 425, 1000 ppm (mg/L)	
		Free Chlorine : 0, 0.5, 0.2, 0.6, 1.5, 4.0, 10 ppm (mg/L)	
		Sulfate : 0, 250, >500	
		Hydrogen Sulfide : 0, 0.2, 2.0 ppm (mg/L)	
		Bacteria : presence / absence media for total coliforms	
		Free& Total Chlorine : 0, 0.1, 0.2, 0.5, 1.0, 2.5, 5.0 ppm	
		Copper : 0, 0.1, 0.5, 1.0, 2.0 ppm (mg/L)	
School TestKit-SCK		Iron(Fe+2/Fe+3) : 0.0, 0.05, 0.1, 0.3, 1.0 ppm	
		Copper(Cu+1/Cu+2) : 0.0, 0.1, 0.5, 1.0, 2.0 ppm	
		Total Nitrate and Nitrite(as N)	
		Total Nitrate(as N) : 0, 2.0, 10, 20, 50 ppm	
		Total nitrite(as N) : 0, 0.3, 0.5, 1, 3 ppm	
		pH & Total Alkalinity	
		pH : 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 11	
		Total Alkalinity : 0, 40, 80, 120, 180, 240, 720 ppm	
		Total Hardness : 0, 50, 120, 180, 250, 425 ppm	

11 Water Testkit List

구분	Model	수량	측정범위
68 다항목 (Multi Parameter)	Testkit-WDKs		Ultra Low Total Chlorine Method A : 0.0, 0.01, 0.02, 0.05, 0.1, 0.15, 0.2 ppm (mg/L) Method B : 0.0, 0.005, 0.01, 0.015, 0.02, 0.025, 0.05 ppm (mg/L) Water metals (Co+2, Cd+2, Zn+2, Cu+2, etc) : <10, 20, 50, 100, 200, 400 ppb(μg/L) (Co, Cd, Zn, Cu, etc...) Manganese(Mn+2) : 0.0, 0.05, 0.1, 0.2, 0.5, 1, 2 ppm (mg/L) Hydrogen sulfide(H2S) : 0, 0.3, 0.5, 1.0, 2.0 ppm (mg/L) Free Chlorine(HOCl) : 0, 0.05, 0.1, 0.2, 0.4, 0.6, 0.8, 1.2, 1.5, 2, 2.6, 4, 6 ppm (mg/L) Nitrate and Nitrite Nitrogen (NO3-, NO2-) NO3 : 0ppm, 0.5ppm, 2ppm, 5ppm, 10ppm, 20ppm, 50ppm NO2 : 0.15ppm, 0.3ppm, 1ppm, 1.5ppm, 3ppm, 10ppm (mg/L) Iron (Fe+2/Fe+3) : 0, 0.02, 0.05, 0.1, 0.2, 0.3, 0.5, 0.75, 1.0, 2.0, 5.0 ppm (mg/L) Extended range pH : 2, 3, 4, 5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 11, 12 Total Hardness : 0, 40, 80, 120, 180, 250, 425, 1000 ppm (mg/L) Bacteria : Tests presence / absence of coliform bacteria, based on a 100cc sample Total Test Time : 48 hours
	EZ WM Test Kit Set		암모니아성질소(NH4+-N) : 0~5ppm(0/0.1/0.2/0.4/0.4/0.8/1.2/2/3/5:9단계) 아질산성질소(NO2- -N) : 0~1.0ppm(0/0.025/0.05/0.1/0.2/0.4/0.6/0.8/1.0:9단계) 질산성질소(NO3- -N) : 0~240ppm(0/0.5/1/5/10/15/30/50/80:9단계) 인산성인(PO4 3+-P) : 0~1.8ppm(0/0.05/0.1/0.2/0.4/0.6/0.8/1.5/2.0:9단계) 화학적산소요구량(COD) : 0~20ppm(0/2/3/4/5/8/10/15/20:9단계) 용존산소량(DO) : 0~10ppm(0/1/2/4/6/8/10:7단계) 수소이온농도(pH) : 1~11(1/2/3/4/5/6/7/8/9/10/11:11단계) 온도(Temperature) : 0~50℃ (1℃ 간격)

수질검사키트 측정방법

① 측정용액에 담그기  측정시간동안 측정용액에 측정표시 부분이 충분히 담겨지도록 합니다.	② 대기  스트립을 꺼내 조심히 물기를 털고 대기 시간동안 기다려 주십시오.	③ 색상표 읽기  제품 용기에 표시된 수치별 색상과 비교해 수치를 읽어 주십시오.
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