5266

TEST WEEKLY
KH

TEST MONTHLY
GH

To order replacement parts and reagents; Call toll-free **800-TEST KIT** (800-837-8548) or Visit **www.TaylorAquarium.com**

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taylor® *the most trusted name in water testing®*

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KH / GH

(0–12.50 dH)

Simple & Accurate

K-4103

60+ tests (each)

KH – Carbonate Hardness (KH) measures the amount of carbonate and bicarbonate present in a water sample. Carbonate hardness can be measured in parts per million (ppm) or degrees of hardness (dKH). Every 1 dKH is equivalent to 17.9 ppm KH. KH levels from tap water differ based on location. KH concentrations in tap water are typically low (below 3 dKH), which is not optimal for stabilizing aquarium pH levels. Low KH can allow the pH to drift, which can be stressful for tank inhabitants. As a precaution, the Carbonate Hardness of the aquarium water should be tested weekly.

GH – General Hardness (GH) measures the amount of metal ions that are present in aquarium water, such as calcium and magnesium. General hardness can be measured in parts per million (ppm) or degrees of hardness (dGH). Every 1 dGH is equivalent to 17.9 ppm GH. GH concentrations from tap water differ based on location. Evaporation increases GH levels in aquariums. Fluctuating GH levels can cause stress to aquarium inhabitants. General Hardness of aquarium water should be tested monthly.

Kit Components

R-4008	KH Reagent
R-4009	GH Reagent #1
R-4010	GH Reagent #2
2x 4035	Test Tube
5266	Instruction
5642	Conversion Chart - KH/GH

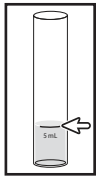
WARNING/DANGER

Carbonate Hardness
KH (0-12.50 dKH)

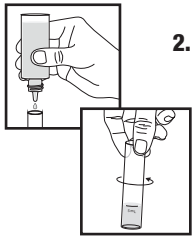
Procedure

Keep Reagents Away From Children. Do not put reagents or samples into aquarium.

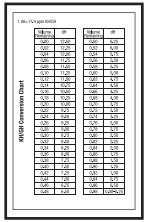
Carbonate Hardness Test



1. Add 5 mL of sample water to a clean test tube (#4035).



2. Add reagent R-4008 KH Reagent dropwise, counting each drop, and making sure to hold the bottle vertically to maintain consistent drop size. Swirl to mix thoroughly between drops until color changes from blue to yellow.



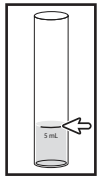
3. Compare number of drops to KH Conversion Chart.

General Hardness
GH (0-12.50 dGH)

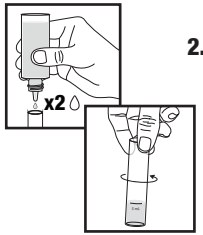
Procedure

Keep Reagents Away From Children. Do not put reagents or samples into aquarium.

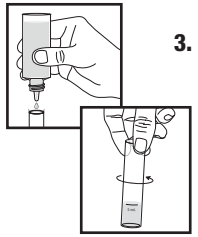
General Hardness Test



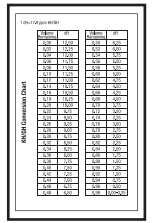
1. Add 5 mL of sample water to a clean test tube (#4035).



2. Add 2 drops of R-4009 GH Reagent #1. Hold dropper bottle vertically when dispensing the reagent. Swirl to mix thoroughly.



3. Add R-4010 GH Reagent #2 dropwise, counting each drop, and making sure to hold the bottle vertically to maintain consistent drop size. Swirl to mix thoroughly between drops until color changes from red to blue.



4. Compare number of drops to GH Conversion Chart.