pH	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.9	9.1
Absorbance at 550 nm	−0.485	−0.434	−0.402	−0.353	−0.223	−0.126	0.000	0.178	0.400	0.616	0.849	1.009

Indicator Color Guide

Compare the CO_2 indicator in your sample to the colors in this Indicator Color Guide to help you determine its pH. Each color corresponds to values for specific pH and absorbance at 550 nm.

BIO-RAD

0 mm 10 20 30 40 50 60 70 80 90 100 110 120 130 140

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BIO-RAD

0 mm 10 20 30 40 50 60 70 80 90 100 110 120 130 140

Equilibrated CO_2 indicator color (pH 7.9–8.3)

pH	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.9	9.1
Absorbance at 550 nm	−0.485	−0.434	−0.402	−0.353	−0.223	−0.126	0.000	0.178	0.400	0.616	0.849	1.009

Instructor's Indicator Color Guide

The color range of equilibrated CO_2 indicator is shown above. The color of your equilibrated CO_2 indicator may differ slightly depending on several variables, including the water you use and altitude. The absorbance values at 550 nm correspond to readings that were taken with a spectrophotometer that was zeroed with CO_2 indicator that equilibrated to pH 8.1.

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Online Resources

A PDF of this guide is available at **bio-rad.com/ColorGuide**. You may use it to print additional copies. However, depending on your printer, the colors may vary significantly from the Indicator Color Guide provided in the kit.

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