

# Alidans

Health research and innovation services

**AssayColor  
turns  
your smartphone  
into a reader for  
colorimetric assays.**

**AssayColor**



You can use **AssayColor** as a colorimeter for color measurements or to identify the point of color change in a wide range of colorimetric tests.

**AssayColor** uses the smartphone's camera to capture the color of each well of a microplate at the same time, then generates a .csv file containing hexadecimal codes for well colors.

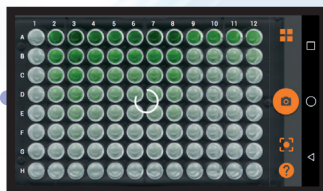
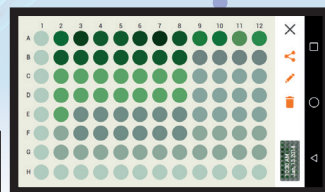
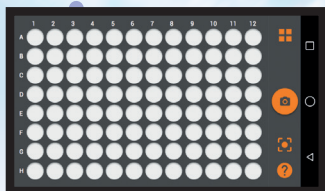
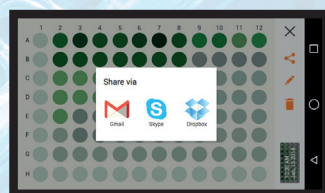
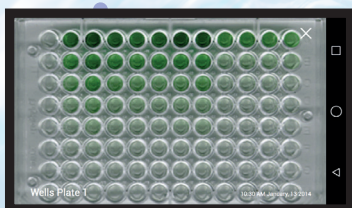
You can share this file and further analyze color data with a spreadsheet or a statistics software, in the same way you analyze absorbance data measured by a spectrophotometer in colorimetric tests.

If you want to customize **AssayColor** for a specific assay or sample support, please contact [assaycolor@alidans.com](mailto:assaycolor@alidans.com)



**AssayColor can be used  
in several fields of application:**

**analytical chemistry,  
biochemical assays,  
chemical assays,  
medical analyses,  
pharmaceutical  
analyses,  
food analyses,  
diagnostic tests,  
chemical/  
pharmaceutical/  
medical research.**



Also designed as an educational tool,  
**AssayColor** helps to teach colorimetric assays to high school,  
college and university students in different scientific fields.

### THE METHOD STEP BY STEP

- 1) Prepare the required materials for the desired test: samples, microplates, colorimetric assay kits and reagents
- 2) Carry out the colorimetric reaction
- 3) Open AssayColor and carry out color reading
- 4) Share the generated .csv file
- 5) Analyze data and obtain test result.

You can get further analysis tools at [www.alidans.com/AssayColor](http://www.alidans.com/AssayColor)