



Point of Care Sensors for Iron Detection

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- ❑ Original sensor method filtered blood to detect iron concentration
- ❑ Similar method will be used without access to blood in the lab
- ❑ Known RGB values will be used to generate correlation between controlled and uncontrolled lighting
- ❑ Corrected abs = $\frac{Abs_{phone}}{a}$
- ❑ Results using this method will be compared to the standard calibration curve derived using the spectrophotometer method

