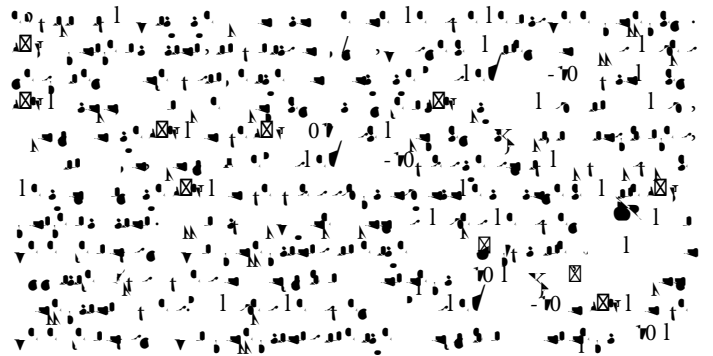
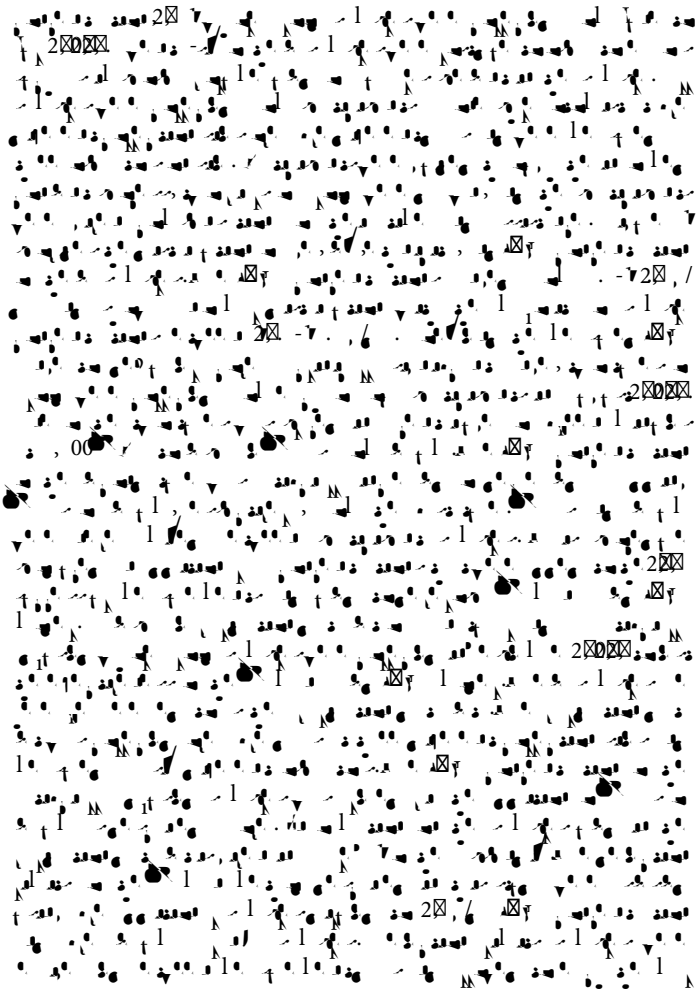
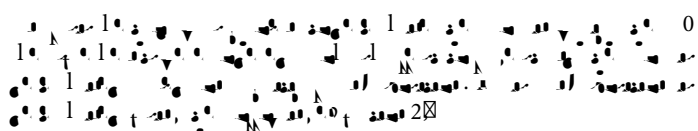


Quantification of Hemoglobin Concentration in Whole Blood using Raman Spectroscopy





$$\text{Rank Position} = 0.5 + (B \cdot Pct_B)$$

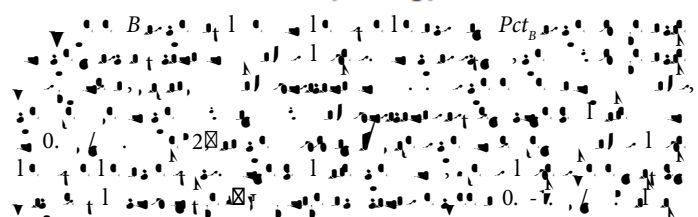


Table S2

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Day	Replicate	Sample 380	Sample 383	Sample 384	Sample 387	Sample 388
		Ó æ} \ÁF	Ó æ} \ÁG	Ó æ} \ÁH	Ó æ} \ÁI	Ó æ} \ÁÍ
F	F	€Ĥ	€Í	€É	€É	€Ĥ
	G	€Ĥ	€Í	€É	€É	€Ĥ
	H	€Ĥ	€Í	€É	€É	€Ĥ
	I	€Ĥ	€Í	€É	€É	€Ĥ
G	F	€Ĥ	€Í	€É	€É	€Ĥ
	G	€Ĥ	€Ĥ	€É	€Ĥ	€Ĥ
	H	€Ĥ	€Í	€É	€É	€Ĥ
	I	€Ĥ	€Ĥ	€É	€É	€Ĥ
H	F	€Ĥ	€Í	€É	€É	€Ĥ
	G	€Ĥ	€Í	€É	€É	€Ĥ
	H	€Ĥ	€Í	€É	€É	€Ĥ
	I	€Ĥ	€Í	€É	€É	€Ĥ

Performance Validation

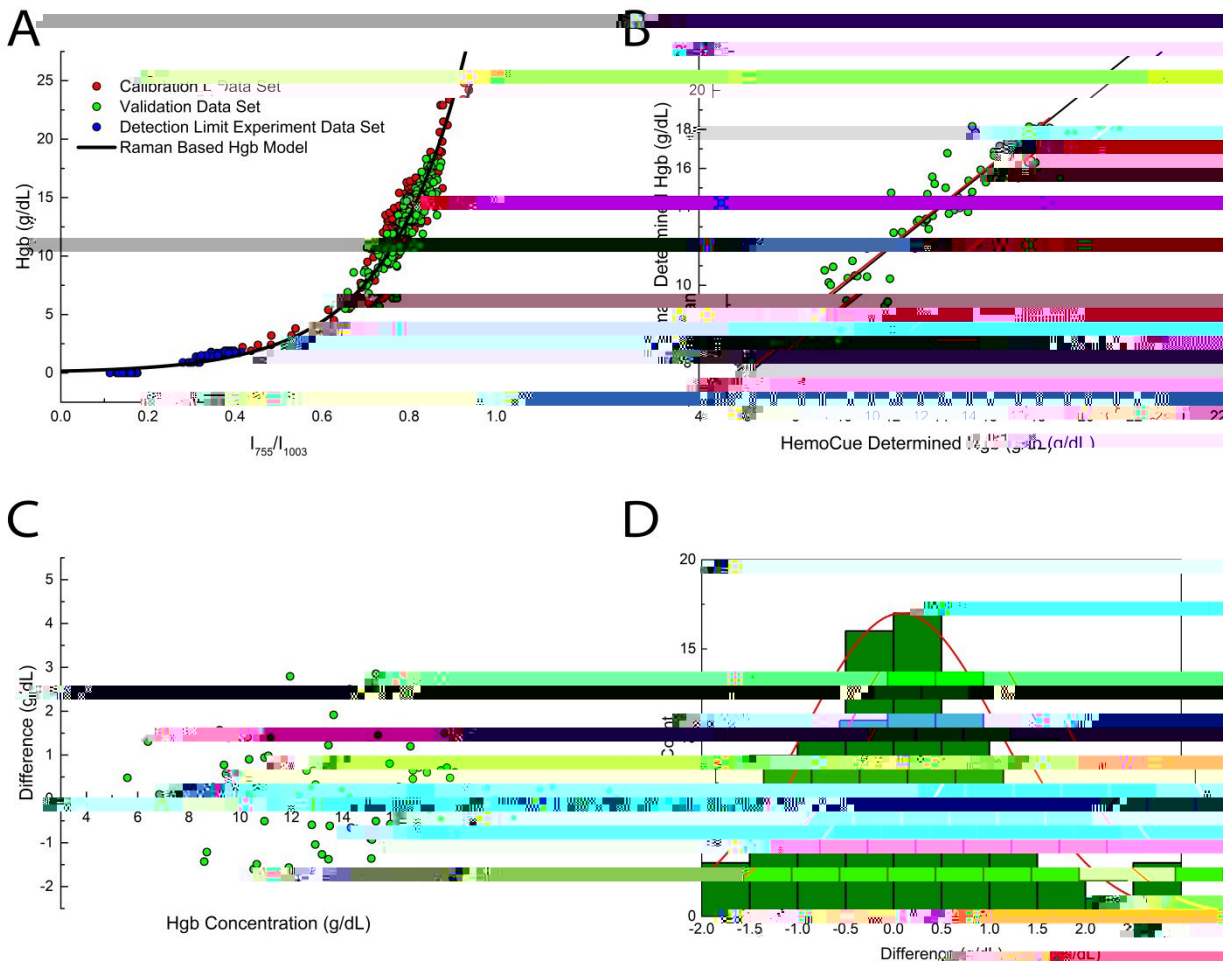
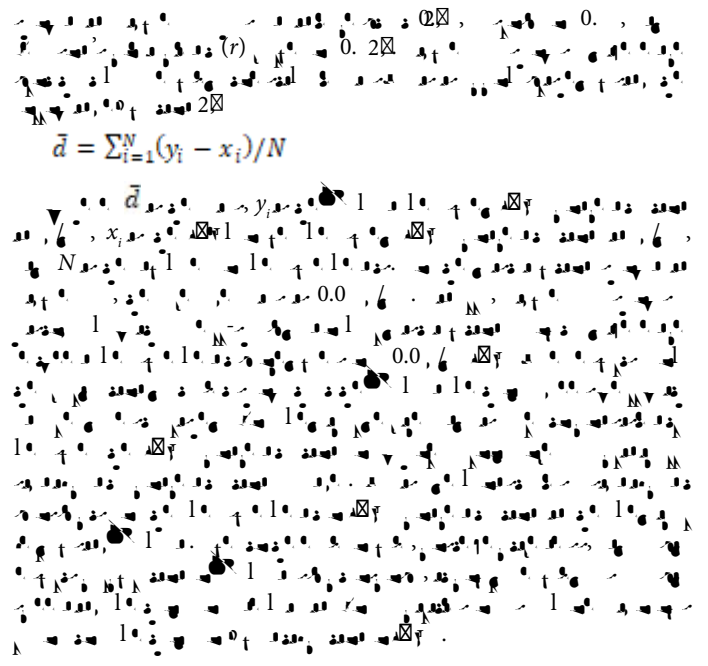
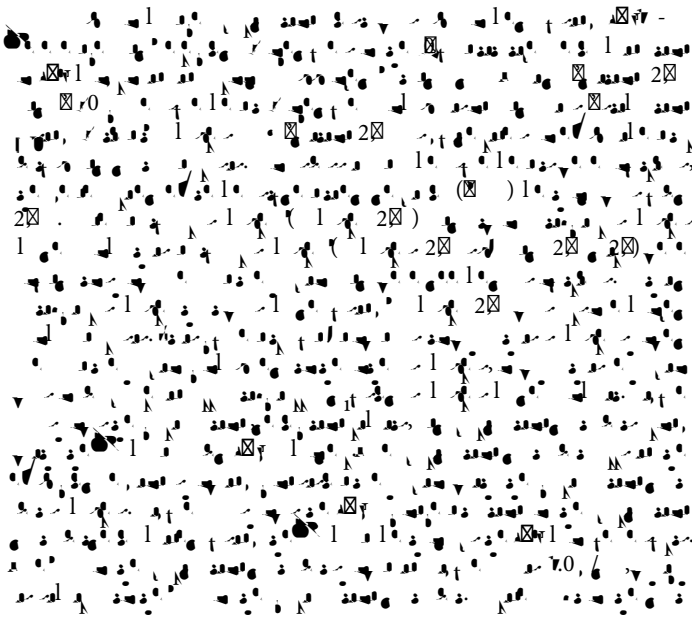


Figure 5: Performance validation plots showing Hgb concentration, HemoCue determined values, and differences between the two methods.

Advantages and Limitations

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Prospects with Other Analytes

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