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Corrigendum

Corrigendum to "Use of refractometry and colorimetry as field methods to rapidly assess antimalarial drug quality" [J. Pharm. Biomed. Anal. 43 (2007) 105–110]

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The author regrets for errors which appeared in the above-mentioned article. In Table 3 the headings sensitivity and specificity should have been reversed. Also in Table 3, the accuracy for the RI method for quinine sulphate should have been 0.90 and the accuracy for the color method for quinine sulphate should have been 0.94. Please see the corrected table below.

Table 3
Validation of RI, colorimetric and "RI + colorimetric" assays relative to HPLC reference standard

Drug	*n*	Method	Specificity	Sensitivity	Accuracy
Artesunate (50 mg per tablet)	111	RI	0.86	0.87	0.86
		Color	0.79	1.00	0.95
		RI + color	0.86	1.00	0.96
Chloroquine phosphate (250 mg per EC tablet)	119	RI	0.83	0.73	0.76
		Color	0.50	1.00	0.81
		RI + color	0.83	0.75	0.78
Chloroquine phosphate (322.5 mg per injectable)	73	RI	1.00	0.86	0.97
		Color	0.97	1.00	0.97
		RI + color	1.00	1.00	1.00
Quinine sulfate (250 mg per capsule)	80	RI	0.98	0.56	0.90
		Color	0.94	0.94	0.94
		RI + color	0.98	0.88	0.96
Sulfadoxine (500 mg per tablet)	75	RI	0.97	0.64	0.91
		Color	0.79	1.00	0.83
		RI + color	0.97	1.00	0.97

RI and color tests were quantitative. If API (amount measured/amount declared by manufacturer × 100) is outside the range of 80–120%, the sample is regarded as "positive" for a counterfeit or poor quality drug. The RI values for chloroquine EC (enteric coated) tablets were adjusted by a factor of 0.72 (bias associated with the RI method). The color tests in the "color + RI" method were qualitative, i.e. absorbance values >0.1 were considered to be confirmatory for the presence of the suspected active ingredient. Sulfadoxine tablets also contain 25 mg of pyrimethamine per tablet.

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