

Accuracy of available glucose meters

Meter	% of readings within standard [†]	Test strip cost
Meters tested across 2 separate studies		
Contour Next	97 - 100% ^{1,2}	\$0.38/strip
Accu-Chek Aviva Plus	91 - 98% ^{1,2}	\$0.30 - \$0.50/strip
FreeStyle Lite	92 - 96% ^{1,2}	\$0.50 - \$0.77/strip
OneTouch Verio	92% ^{1,2}	\$0.52 - \$0.63/strip
Walmart ReliOn Micro	62 - 97% ^{1,2}	\$0.18/strip
Walmart ReliOn Prime	62 - 92% ^{1,2}	\$0.18/strip
Meters tested in one study		
CVS Advanced	97% ¹	\$0.20 - \$0.30/strip
FreeStyle Freedom Lite	92% ²	\$0.50 - \$0.80/strip
Prodigy AutoCode	90% ¹	\$0.17 - \$0.25/strip
Embrace	88% ¹	\$0.15 - \$0.20/strip
Nova Max	88% ²	\$0.18 - \$0.30/strip
TrueTrack	81% ¹	\$0.15 - \$0.20/strip

Advocate redi-code +	76% ¹	\$0.18 - \$0.25/strip
Gmate SMART	71% ¹	\$0.30/strip
OneTouch Ultra 2	70% ²	\$0.44 - \$0.90/strip
AgaMatrix Presto	63% ²	\$0.25 - \$0.35/strip
AgaMatrix Jazz	60% ²	\$0.25 - \$0.35/strip
Sidekick All-in-one	49% ²	\$0.36/strip

- [†] Percent of readings that met the ISO 15197 standard (within 15% of a reference standard for blood sugar readings > 100 mg/dl and within 15 mg/dl for readings < 100 mg/dl)
- ¹ PMID 29898901, ² PMID 27697848
- Strip costs from 3/2022

Chart courtesy of Texas Telemedicine Doctor (www.texastelemedicinedoctor.com)