

SUPPLEMENTARY DATA

**Supplementary Table S1. Number and Percent of Values Within Specified Error Limits**

Blood Glucose Monitor	Valid Trials	Distance from Reference Value*									
		Within +/- 5%		Within +/- 10%		Within +/- 15%†		Within +/- 20%		>20%	
Contour Next	312	212	68%	302	97%	311	100%	311	100%	1	0.3%
ACCU-CHEK AVIVA Plus	311	161	52%	272	87%	306	98%	311	100%	0	0.0%
Walmart ReliOn Confirm (Micro)	317	167	53%	276	87%	307	97%	314	99%	3	0.9%
CVS Advanced	318	172	54%	272	86%	307	97%	317	100%	1	0.3%
FreeStyle Lite	312	95	30%	238	76%	298	96%	306	98%	6	1.9%
Accu-Chek Smart View	320	133	42%	251	78%	305	95%	317	99%	3	0.9%
Walmart ReliOn Prime	312	121	39%	224	72%	288	92%	305	98%	7	2.2%
OneTouch Verio	319	139	44%	239	75%	294	92%	315	99%	4	1.3%
Prodigy Auto Code	312	135	43%	229	73%	282	90%	304	97%	8	2.6%
OneTouch Ultra2	311	127	41%	230	74%	280	90%	302	97%	9	2.9%
Walmart ReliOn Ultima	319	140	44%	241	76%	285	89%	302	95%	17	5.3%
Contour Classic	320	109	34%	215	67%	284	89%	313	98%	7	2.2%
Embrace	319	116	36%	230	72%	282	88%	308	97%	11	3.4%
True Result	318	81	25%	188	59%	279	88%	311	98%	7	2.2%
True Track	205	57	28%	112	55%	167	81%	186	91%	19	9.3%
SolusV2	320	59	18%	148	46%	244	76%	297	93%	23	7.2%
Advocate Redi-Code +	319	66	21%	148	46%	241	76%	288	90%	31	9.7%
Gmate Smart	320	82	26%	159	50%	226	71%	267	83%	53	16.6%

\*When reference value is <100 mg/dL, then distance is absolute mg/dL rather than %.

†The percentage of data points within +/- 15% distance from the Reference Value is the same as the percentage of data points for Trials Within Protocol Limits in the Overall Results Table.

SUPPLEMENTARY DATA

**Supplementary Table S2. Summary of Surveillance Error Grid Comparison**

Blood Glucose Monitor	Total Data Pairs	Percentage with No Risk	Risk							
			None, 0 - 0.5	Slight, Lower > 0.5 - 1.0	Slight, Higher > 1.0 - 1.5	Moderate, Lower > 1.5-2.0	Moderate, Higher > 2.0- 2.5	Severe, Lower > 2.5- 3.0	Severe, Higher > 3.0- 3.5	Extreme, > 3.5-4.0
Contour Next	312	99.4%	310	2						
ACCU-CHEK AVIVA Plus	311	99.7%	310	1						
Walmart ReliOn Confirm (Micro)	317	97.5%	309	8						
CVS Advanced	318	98.7%	314	4						
FreeStyle Lite	312	97.1%	303	8	1					
Accu-Chek Smart View	320	97.8%	313	7						
Walmart ReliOn Prime	312	96.2%	300	12						
OneTouch Verio	319	95.6%	305	13	1					
Prodigy Auto Code	312	95.8%	299	11	1	1				
OneTouch Ultra2	311	96.8%	301	9	1					
Walmart ReliOn Ultima	319	95.0%	303	14	1	1				
Contour Classic	320	93.1%	298	20		2				
Embrace	319	96.6%	308	8	3					
True Result	318	90.9%	289	26	2	1				
True Track	205	89.8%	184	19	2					
SolusV2	320	89.4%	286	34						
Advocate Redi-Code +	319	87.5%	279	38	2					
Gmate Smart	320	89.7%	287	25	4	2	2			