

# ACE ALERA CUVETTES COST ANALYSIS

*AlfaWasserman ACE & ACE Alera Analyzers*

<b><u>Consumable Product</u></b>	<b><u>Package Size</u></b>	<b><u>Purchase Price</u></b>	<b><u>Cuvette Cost</u></b>	<b><u>Unnecessary lab expense</u></b>
<b>ACE Cuvettes</b>	<b>Case of 4000</b>	<b>\$631.08 per case</b>	<b>\$0.16 each</b>	<b>\$0.16 on every test in each panel!</b>

<u>Procedure</u>	<u>Tests per Panel</u>	<u>Daily Volume</u>	<u>Tests Daily</u>	<u>Cost per Cuvette</u>	<u>Daily Cost</u>
COMP MET PANEL	13	x 25	= 325	x \$0.16	= \$51.28
LIPID PANEL	3	x 25	= 75	x \$0.16	= \$11.83
BASIC MET PANEL	7	x 7	= 49	x \$0.16	= \$7.73
HEPATIC PANEL	7	x 7	= 49	x \$0.16	= \$7.73
DIRECT LDL	1	x 8	= 8	x \$0.16	= \$1.26
CK	1	x 8	= 8	x \$0.16	= \$1.26
URIC ACID	1	x 15	= 15	x \$0.16	= \$2.37
LDH	1	x 7	= 7	x \$0.16	= \$1.10
GGT	1	x 7	= 7	x \$0.16	= \$1.10
PHOSPHORUS	1	x 7	= 7	x \$0.16	= \$1.10
MAGNESIUM	1	x 7	= 7	x \$0.16	= \$1.10
					<b>\$87.88</b>

**Cost of Disposable Cuvettes needed to perform daily workload → \$87.88**

**Cost of Disposable Cuvettes for Daily QC and Calibrations → \$17.51**

**Cost of average 5% Repeats for result verification or correction → \$5.27**

**Average Daily Cost of ACE Cuvettes → \$110.66**

**Average Monthly Cost of ACE Cuvettes → \$2,434.52**

**AVERAGE YEARLY COST OF DISPOSABLE ACE CUVETTES → \$29,214.21**

This analysis does not include the cost of the additional Biological Waste created by the addition of cuvettes and waste bags to monthly Waste Removal fees. Older Chemistry analyzers, such as the Ciba-Corning Express Models, Alfa-Wasserman Ace Models and Roche Cobas-Mira Models, produce large volumes of contaminated plastics that require documented Hazardous Waste Disposal from a waste service whose charges are based on volume.

**Updated technology has eliminated the need for disposable cuvettes in the SDI CA240 & CA480 Analyzers.**



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