



Our unique AUDIT® SHIP delivery system guarantees you will receive your products according to your schedule, not ours. Simply tell us when, and how often, you need your products shipped, and let AUDIT SHIP take care of the details. You can increase your refrigerator storage space by no longer storing boxes of products you just don't need right now. With AUDIT SHIP, only keep what you'll need for the next month or quarter.

Total Quality Solutions

Calibration Verification/Linearity Products

Daily Quality Control Products

Auditor™ QC

Audit® SHIP



Putting quality into quality control.



Putting quality into quality control.



Las Vegas, NV 89102-5816 | p: (866) 252-8348 (25-AUDIT) f: (760) 804-1589 | www.auditmicro.com

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AUDIT® MicroControls™ offers your laboratory Total Quality Solutions, including:

- AUDIT MicroCV™ Calibration Verification/Linearity System, the most complete line of Calibration Verification material designed to assist with CLIA-88 revalidation
- Daily quality controls, including AUDIT MicroFD™, MicroLQ™ and MicroDROP™ products
- AUDITOR™QC – an on-line, real time data reduction program that offers Levy-Jennings charts and peer group analysis for daily quality control product users; and linearity graphs and peer group analysis for AUDITOR MicroCV™ users
- AUDIT@SHIP – guarantees on-time delivery of your products



Putting quality into quality control – that's our promise to you.

Founded in 2002, all AUDIT MicroControls products are manufactured by an FDA-regulated, ISO 9001 company with a history of manufacturing for major companies worldwide, ensuring you will receive the highest quality products available on the market.

AUDIT® MicroCV™ Calibration Verification/Linearity System Trouble Shooting Guide

AUDIT® MicroControls™ recommends the following checklist if your initial calibration verification fails for any specific analyte or analytes:

1. Quality Control Material
 - Are there patterns among controls (e.g. all are below the mean, all are above the mean)?
 - Are there any noticeable trends or shift over time?
 - How is the accuracy and precision?
2. Acceptable Range
 - Re-examine your laboratory's determination of the acceptable range for calibration verification material.
 - What is your laboratory's current range on either side of the expected target value for the analyte in question?
3. Reagent Changes
 - Have there been any changes to your reagent?
 - New lot of reagent?
 - Different manufacturer?
 - New formulation of current reagent (check package insert)?
4. Instrument Maintenance Logs
 - Review daily, weekly, monthly, quarterly, semi-annual and annual logs for any deviations or changes.
5. Environmental
 - Has the instrument been moved recently?
 - Any changes to the environment of the instrument and its surroundings?
6. Servicing
 - Has the instrument been serviced recently?
 - Any software or hardware upgrades or changes?
7. Operation
 - Are there new instrument operators?
 - Any recent modification to the technique in how the assay is run?
8. Comparative Method
 - Is there another nearby laboratory that can also run the calibration verification material to compare results?
 - If all the above has been performed, and there are still problems, re-calibrate the instrument.
 - If the instrument still does not perform within laboratory control limits, call the instrument manufacturer for further troubleshooting.



Audit® MicroCV™ Calibration Verification/Linearity System



The AUDIT MicroCV™ Calibration Verification/Linearity System is the most complete line of Calibration Verification material designed to assist with CLIA-88 revalidation. Five unique levels of linearity material are provided with each product to allow for complete monitoring of that specific test system's reportable range, as defined by the manufacturer.



Calibration Verification plays a very important part in ensuring that patient test results reported by all moderately complex testing methods are accurate throughout the reportable range for each test system.

CLIA-88 regulations use the term "calibration verification" to refer to both the verification of a test method's calibration as well as the validation of that system's analytical measurement range, or AMR. Current CLIA-88 requirements state that each laboratory revalidate each test method's AMR at least every six months, as well as following changes in lots of analytically critical reagents or major system components.¹

AUDIT® MicroCV™ General Chemistry Linearity Set - Order No. K701M-5 (5 x 5mL plus diluent)

Albumin	Bilirubin, Total	Cholesterol, Total	Glucose	LDL Cholesterol	Sodium
Alkaline Phosphatase	Bilirubin, Direct	CO ₂	HDL Cholesterol	Lipase	TIBC
ALT/SGPT	BUN	Creatine Kinase (CK)	Iron, Total	Magnesium	Total Protein
Amylase	Calcium	Creatinine	Lactate	Phosphorus	Triglyceride
AST/SGOT	Chloride	Gamma-GT	LDH	Potassium	Uric Acid

AUDIT® MicroCV™ Protein Linearity Set - Order No. K702M-5 (5 x 2mL)

Alpha-1-Antitrypsin	C4	IgA	Total Protein
C3	IgG	IgM	Transferrin

AUDIT® MicroCV™ Glycohemoglobin Linearity Set - Order No. K703M-5 (5 x 1mL)

Glycohemoglobin A_{1c}

AUDIT® MicroCV™ Homocysteine Linearity Set - Order No. K704M-5 (5 x 1mL)

Homocysteine

AUDIT® MicroCV™ hs-CRP Linearity Set - Order No. K705M-5 (5 x 1mL)

High Sensitive C-Reactive Protein

AUDIT® MicroCV™ TDM Linearity Set - Order No. K707M-5 (5 x 5mL)

Acetaminophen	Digoxin	Gentamicin	Phenobarbital	Salicylate	Valproic Acid
Amikacin	Disopyramide	Lithium	Phenytoin (Dilantin)	Theophylline	Vancomycin
Carbamazepine	Ethosuximide	Methotrexate	Quinidine	Tobramycin	
(Tegretol)					

AUDIT® MicroCV™ BNP Linearity Set - Order No. K708M-5 (5 x 1mL)

BNP-32 NT-proBNP

AUDIT® MicroCV™ Lipids Linearity Set - Order No. K709M-5 (5 x 2mL)

Apolipoprotein A1 Apolipoprotein B Cholesterol, Total HDL Cholesterol LDL Cholesterol Triglyceride



AUDITOR™ QC from AUDIT® MicroControls™ assists your laboratory with the reduction of calibration verification data. Easily accessible via our website (www.auditmicro.com), simply enter raw data you gather from your instrumentation, and AUDITOR™ QC does the rest. You'll instantly receive an on-line graph of your data that you can print for your records, or store in our on-line database for future reference.



Initial Log On

Enter your existing AUDITOR™ Account ID and password. If you do not have them, easily create them by clicking on CREATE ONE from this screen.



Input Report Information

Select the linearity product you're using, lot number, and analyte you're testing from a series of pull down menus found on this screen. You must then enter the Instrument and Date. The Units, Method and Technician fields are optional.



Review Reports

After inputting the Report Information and raw data, press Save; a graph for each set of data points entered can then be printed for record keeping purposes.

AUDIT® MicroCV™ Cardiac Markers Linearity Set - Order No. K710M-5 (5 x 1mL)

CK-MB Myoglobin Troponin-I

AUDIT® MicroCV™ Ammonia/Ethanol Linearity Set - Order No. K712M-5 (5 x 2mL)

Ammonia Ethanol

AUDIT® MicroCV™ BNP Linearity Set (High) - Order No. K713M-5 (5 x 1mL)

BNP-32 NT-proBNP

AUDIT® MicroCV™ Immunoassay Linearity Set - Order No. K714M-5 (5 x 5mL)

Cortisol	Folate	hCG	Testosterone	Total T3
Digoxin	Free T3	LH	Theophylline	TSH
Estradiol	Free T4	Progesterone	Total PSA	Vitamin B12
Ferritin	FSH	Prolactin	Total T4	

AUDIT® MicroCV™ D-Dimer Linearity Set - Order No. K717M-5 (5 x 1mL)

D-Dimer

AUDIT® MicroCV™ Tumor Markers Linearity Set - Order No. K719M-5 (5 x 1mL)

AFP CEA CA 125 CA 15-3 Free PSA Total PSA

AUDIT® MicroCV™ RF/CRP Linearity Set - Order No. K720M-5 (5 x 1mL)

RF CRP

AUDIT® MicroCV™ ASO Linearity Set - Order No. K721M-5 (5 x 1mL)

ASO

AUDIT® MicroCV™ Microalbumin/Microprotein Linearity Set - Order No. K722M-5 (5 x 2mL)

Microalbumin Microprotein

AUDIT® MicroCV™ ISE Linearity Set - Order No. K726M-5 (5 x 5mL)

Chloride Potassium Sodium

AUDIT® MicroCV™ Blood Gas Linearity - Order No. K727M-5 (15 x 2mL)

BUN Creatinine Ionized Calcium pCO₂ pO₂ Sodium

Chloride Glucose Lactate pH Potassium Chloride

See Page 6 for System Specific Linearity Sets

System Specific Linearity Sets



AUDIT® MicroCV™ Homocysteine Linearity Set
for use with Siemens Centaur Immunoassay Systems - Order No. K801M-5 (5 x 1mL)
Homocysteine

AUDIT® MicroCV™ TDM Linearity Set
for use with Siemens Centaur Immunoassay Systems - Order No. K802M-5 (5 x 5mL)

Acetaminophen	Digoxin	Gentamicin	Phenobarbital	Salicylate	Valproic Acid
Amikacin	Disopyramide	Lithium	Phenytoin (Dilantin)	Theophylline	Vancomycin
Carbamazepine (Tegretol)	Ethosuximide	Methotrexate	Quinidine	Tobramycin	

AUDIT® MicroCV™ BNP Linearity Set
for use with Siemens Centaur Immunoassay Systems - Order No. K803M-5 (5 x 1mL)
BNP-32

AUDIT® MicroCV™ Cardiac Markers Linearity Set
for use with Siemens Centaur Immunoassay Systems - Order No. K804M-5 (5 x 1mL)
CK-MB Myoglobin Troponin-I

AUDIT® MicroCV™ Tumor Markers Linearity Set
for use with Siemens Centaur Immunoassay Systems - Order No. K805M-5 (5 x 1mL)
AFP CEA CA 125 CA 15-3 Total PSA

AUDIT® MicroCV™ Immunoassay Linearity Set
for use with Siemens Centaur Immunoassay Systems - Order No. K806M-5 (5 x 1mL)

Cortisol	Folate	hCG	Prolactin	Total T4
Estradiol	Free T4	LH	Testosterone	TSH
Ferritin	FSH	Progesterone	Total T3	Vitamin B12

AUDIT® MicroCV™ Immunoassay Linearity Set
for use with Abbott Architect i Series Immunoassay Systems - Order No. K831M-5 (5 x 5mL)

AFP	Free T3	FSH	Prolactin	Total T4
CEA	Free T4	LH	Total PSA	TSH
Ferritin	Free PSA	Progesterone	Total T3	

AUDIT® MicroCV™ Procalcitonin Linearity Set - Order No. K841M-5 (5 x 1mL)
Procalcitonin

AUDIT® MicroCV™ Procalcitonin Method Validation Set - Order No. K842M-25 (5 x 1mL)
Procalcitonin

AUDIT® MicroCV™ T-Uptake Linearity Set
for use with Tosoh AIA Series Immunoassay Systems - Order No. K851M-5 (5 x 1mL)
T-Uptake

Daily Quality Control Products



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Input Report Information
Select the control product you're using, lot number, and analyze you're testing from a series of pull down menus found on this screen. You must then enter the Instrument and Date. The Units, Method and Technician Fields are optional.



Review Reports
After inputting the Report Information and raw data, press Save; a graph for each set of data points entered can then be printed for record keeping purposes.

AUDIT® MicroFD™ Homocysteine Control - Order No. K020M-6 (6 x 2mL)
Homocysteine

AUDIT® MicroLQ™ High Sensitivity C-Reactive Protein Control - Order No. K021M-6 (6 x 2mL)
High Sensitive C-Reactive Protein

AUDIT® MicroFD™ BNP Control - Order No. K023M-6 (6 x 1mL)
BNP-32 NT-proBNP

AUDIT® MicroFD™ Cardiac Markers Control, Tri-Level - Order No. K026M-6 (6 x 2mL)
CK-MB Myoglobin Troponin-I

AUDIT® MicroFD™ Glycohemoglobin A1c Control - Order No. K061M-8 (8 x 0.5mL)
Glycohemoglobin A1c

AUDIT® MicroLQ™ Ammonia/Ethanol Control - Order No. K062M-6 (6 x 3mL)
Ammonia Ethanol

AUDIT® MicroFD™ Immunoassay Control, Tri-Level - Order No. K063M-6 (6 x 3mL)

Digoxin	Free T4	LH	TSH	T4
Estradiol	FSH	Prolactin	T3	Testosterone
Ferritin	hCG	PSA		

AUDIT® MicroDROP™ Urine Dipstick Control - Order No. K064M-10 (10 x 5mL) and K065M-4 (4 x 25mL)

Bilirubin	hCG	Nitrite	Specific Gravity
Blood	Ketones	pH	Urobilinogen
Glucose	Leukocytes	Protein	

MicroFD™ Therapeutic Drug Monitoring Control, Tri-Level - Order No. K068M-6 (6 x 3mL)

Acetaminophen	Digoxin	Lithium	Phenytoin	Tobramycin
Amikacin	Ethosuximide	Methotrexate	Theophylline	Valproic Acid
Carbamazepine	Gentamicin	Phenobarbital		Vancomycin

MicroFD™ Tumor Markers Control - Order No. K070M-6 (5 x 1mL)

AFT	CEA	CA 125	CA 15-3	Free PSA	Total PSA
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MicroFD™ Assayed Chemistry Controls - Order Nos. K0311-10 (Level 1) and K0312-11 (Level 2) (10 x 5mL)

Albumin	Bilirubin (Total and Direct)	Cholesterol	Glucose	LDL Cholesterol	Sodium
Alkaline Phosphatase	BUN	CO ₂	HDL Cholesterol	Lipase	Total Protein
ALT	Calcium	Creatine Kinase	Iron	Magnesium	Triglycerides
Amylase	Chloride	Creatinine	Lactate	Phosphorus	Uric Acid
AST		Gamma-GT	LDH	Potassium	

