





Real-Time Peer Comparison Software



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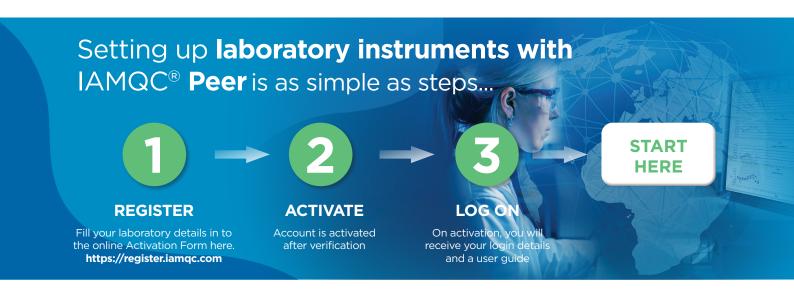
Interlaboratory **Peer** Program

The easiest way to automate Technopath's Multichem® QC data.

What is **IAMQC Peer**?

IAMQC Peer enables **real-time peer comparison** between laboratories across the globe for all QC test data. This allows the laboratory to easily monitor its own reliability and precision.

- Interlaboratory Peer Group
- Powerful Inter-Laboratory QC Comparison Reports
- Full System Automation Supported







Introduction



What is an interlaboratory program?

In its simplest form, an interlaboratory program is a means for individual labs to compare their performance against other labs. The comparison will be against other labs using the same lot of quality control (QC) material on the same test and on the same instrument type. Interlaboratory programs offer various reports to show how your instruments in your lab compare against all others,

with these reports being generated at the end of the month once all data has been submitted. Some interlaboratory programs offer real-time peer comparison where the values displayed are based on all of the data that has been submitted up to the time of report generation or statistic viewing.

Why should you use an interlaboratory program?

Any laboratory that strives to achieve ISO accreditation should be part of an interlaboratory program:

"The laboratory shall participate in interlaboratory comparison programme(s) ..."- ISO 15189:2012(E), Subclause 5.6.3.1.

This ISO standard specifies the quality management system requirements particular to medical laboratories and helps to set a level of performance and competency that labs should attain. The medical laboratory is an important part of patient care as all tests results come from the lab so ensuring your systems are in control is a vital part of this process. An interlaboratory program can provide comfort to the lab by demonstrating that your performance is in line with other labs. When your lab's performance is not in line with others, the interlaboratory program highlights this to you quickly.







How does IAMQC® Peer help with participation in an interlaboratory program?

IAMQC Peer is a web-based truly real-time peer comparison system. Truly real-time means that all data submitted is included in the peer statistics at the time of report generation or when viewing the 'on-demand' interactive peer statistics. Peer reports can also be scheduled to be emailed monthly.

IAMQC Peer shows labs each of their individual instrument's performance and compares the accuracy and precision of the analytical processes to their peer group. The peer group will contain instruments of the same type from other laboratories using the same lot of QC material and using the same method for the test. The information from the reports and interactive peer statistics in IAMQC Peer can be extremely valuable, indicating the user's performance

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relative to their peer group as well as providing powerful troubleshooting tools when attempting to resolve potential problems.

IAMQC Peer has multiple interfacing solutions to allow for the automation of data submission helping busy lab personnel to concentrate on the important activities of testing and result interpretation.

IAMQC Peer contains multiple reports, all of which provide key information to the lab in interpreting their instrument performance.

Reagent Lot Report

Automates the tracking and reporting of reagent lot-to-lot variation.

Group Coordinator Report

A test-by-test listing of statistics of the laboratory and its peer groups for up to 3 levels of control.







• Levey-Jennings (LJ) Report

The LJ report displays individual QC values per analyte for the selected month. It also indicates when a reagent lot was changed.

Exceptions Report

This report details the lab's tests and analytical methods which differ in performance from its peer group using SDI and CVI.

Monthly Summary Report

A rolling twelve-month window of summary statistics, including monthly mean for each test and level, is displayed along with peer group values.

Youden Plot

The Youden plot visualizes both bias and imprecision graphically and can be used to evaluate systematic and/or random error.

Six Sigma

The six sigma report automatically calculates the lab's sigma score based on the Total Allowable Error values entered.

IAMQC Peer Reports

Reagent Lot Report	\checkmark
Bias Report	√
Exception Notes Report	√
Group Coordinator Report	√
Levey Jennings Report	√
Measurement of Uncertainty	\checkmark
Monthly Standard Report	√
Sigma Metrics Report	√
Youden Plot Report	\checkmark

Benefits - IAMQC Peer

Real-time Peer data comparison	√
Facilitates Standards approvals	√
Centralised data management	√
Automatic data submission	√
Cloud based system	√
User-Friendly	√

The system calculates the MoU value automatically based on the time-range selected for the lot in question along with the Standard Error of the Mean (SEM) value or the running SD of each test for the time period selected.

Bias Report

The bias report contains all the information in the Group Coordinator report plus a bias score against the cumulative peer mean for each test and is generated in Microsoft Excel format.

Measurement of Uncertainty (MoU)



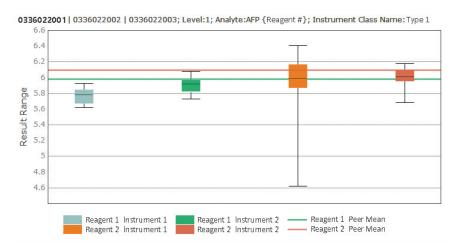


Reagent Lot Report

Lot-to-lot variation affecting calibrators and reagents is a frequent challenge that can affect the laboratory's ability to produce consistent results over time. It is important that laboratories have procedures in place for quantification of this variability, and for determining whether the amount of variation is acceptable for the release of patient results.

To support the clinical laboratory in automating the tracking and reporting of reagent lot-to-lot variation, IAMQC includes the "Reagent Lot Report" in its suite of reports.

Learn more in the **Guide to Reagent Lot Report,** available in the Educational Materials section of the Knowledge Centre on www.technopathcd.com.



Group Coordinator Report

This report provides a test-by-test listing of statistics for the lab and its peer groups for up to 3 levels of control material. A peer group is a group of labs using the same control material on the same test system and the same analytical method. The Group Coordinator Report documents all of the relevant data points submitted to IAMQC® and automatically provides a statistical analysis in table format.

This report provides a centralised review of all instruments from the moment the customer begins to report data and thus facilitates users meeting accreditation requirements, with respect to the storage, retrieval and statistical analysis of quality control data.

Albumin (ALB) in mg/dL																	
QC Product:					SF-Lot # CO	511181						MCHEM C	SF-Lot # C0	511182			
Instrument Class Name: Company A	Reagent: Company	A; Method: In	nmunoturbidi	metric													
Instrument Model: Instrument1						World Peer A			Peer					Work	Aff Peer		
Lab ID-Name	S/N	Mean	SD	%CV	N	SDI	CVI	SDI	CVI	Mean	SD	%CV	N	SDI	CVI	SDI	CVI
99000126-Laboratory 16	Instrument 1 A	31.97	2.001	6.26	7	0.06	1.01	0.06	1.01	62.91	3.550	5.64	8	0.09	1.06	0.09	1.06
99000126-Laboratory 16	Instrument 1 C	30.29	1.431	4.73	7	-0.80	0.76	-0.80	0.76	60.16	2.876	4.78	7	-0.74	0.90	-0.74	0.90
99000126-Laboratory 16	Instrument 1 B	33.33	1.259	3.78	7	0.74	0.61	0.74	0.61	64.74	1.864	2.88	7	0.64	0.54	0.64	0.54
Affiliation		31.86	1.979	6.21	21	-	-	-	-	62.62	3.334	5.32	22	-	-	-	-
World Peer		31.86	1.979	6.21	21	-	-	-	-	62.62	3.334	5.32	22	-	-	-	-
Glucose (CSFG) in mg/dL																	
QC Product:				MCHEM C	F-Let# CO	11181			MCHEM CSF-Lu(# C0611162								
Instrument Class Name: Company B	Reagent: Company I	B; Method: H	exokinase														
Instrument Model: Instrument 2				World Peer Aff Peer								Peer	Aff I	Peer			
Lab ID-Name	S/N	Mean	SD	%CV	N	SDI	CVI	SDI	CVI	Mean	SD	%CV	N	SDI	CVI	SDI	CVI
99000057-Laboratory 3	Instrument 2 A1	62.03	0.609	0.98	36	-0.22	0.54	-0.22	0.54	32.00	0.348	1.09	34	-0.48	0.51	-0.48	0.51
99000057-Laboratory 3	Instrument 2 B1	61.45	0.617	1.00	33	-0.73	0.56	-0.73	0.56	31.82	0.459	1.44	34	-0.73	0.68	-0.73	0.68
99000059-Laboratory 5	Module A C1	60.91	1.026	1.68	34	-1.21	0.93	-1.21	0.93	31.74	0.710	2.24	34	-0.86	1.05	-0.86	1.05
99000059-Laboratory 5	Module A C2	61.49	0.970	1.58	39	-0.70	0.87	-0.70	0.87	32.13	0.801	2.49	39	-0.29	1.17	-0.29	1.17
99000059-Laboratory 5	Module A C3	62.03	1.000	1.61	36	-0.22	0.89	-0.22	0.89	32.28	0.615	1.90	36	-0.07	0.89	-0.07	0.89
99000059-Laboratory 5	Module A C4	62.03	1.000	1.61	34	-0.22	0.89	-0.22	0.89	32.15	0.610	1.90	34	-0.26	0.89	-0.26	0.89
99000073-Laboratory 13	Module B C1	62.51	0.631	1.01	73	0.21	0.56	0.21	0.56	32.31	0.419	1.30	74	-0.02	0.61	-0.02	0.61
99000073-Laboratory 13	Module B C3	62.89	0.964	1.53	76	0.55	0.85	0.55	0.85	32.72	0.567	1.73	74	0.57	0.81	0.57	0.81
99000074-Laboratory 14	Module B C1	63.00	N	N	2	0.64	0.00	0.64	0.00	33.50	N	N	2	1.70*	0.99	1.70°	0.99
	Module B C2	63.30	0.971	1.53	64	0.91	0.85	0.91	0.85	32.85	0.667	2.03	65	0.75	0.95	0.75	0.95
99000074-Laboratory 14					107			-	-	32.33	0.688	2.13	426	-			
99000074-Laboratory 14 Affiliation		62.28	1.124	1.80	427	-	-	-							-	-	





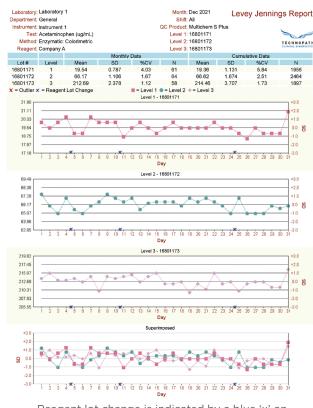
Levey Jennings Report

The Levey Jennings Report displays individual daily QC values for the selected month for a specific analyte. The report can be generated for two or three levels of QC material.

Reagent lot changes are also highlighted on the report.

4 5 6

This report also provides a super-imposed version of all QC levels at the bottom of each sheet, highlighting any level specific bias. The top of the graph displays a summary of both monthly and cumulative data, including all of the relevant statistics for the laboratory.



Reagent lot change is indicated by a blue 'x' on level one in the above report.

Exceptions Report

This report details the laboratory's tests and analytical methods which differ in performance from its peer group using SDI and CVI criteria. If a specific assay does not meet specific performance criteria the information is highlighted to the user as an exception.

The Exceptions Report indicates the following flags:

Flag L - This value did not pass the Laboratory Outlier check, which highlights values more than+/- 3 standard deviations from the lab's mean for the month. This value was included in the calculation of the lab's mean and SD for this month.

Acetaminophen (ug/mL)					
	and the facility of the least			En:	zymatic: Colorimet
Control	Mean	SD	N	LTD Mean	Shift
Level 3 Lot # 16801173 02/05/2020 19:12:00; GR=[132.6-309.4]	220.00L	-	1	214.46	All Shift
Alanine Aminotransferase (ALT)	(U/L)				
		.512.4.354.6.13.c.			UV with P
Control	Mean	SD	N	LTD Mean	Shift
Level 1 Lot # 16801171 21/05/2020 02:12:00; GR=[17.16-40.04]	35.00L	-	1	32.94	All Shift
Alkaline Phosphatase (ALP) (U/I	_)				
				P	NPP: AMP BUFFE
Control	Mean	SD	N	LTD Mean	Shift
Level 3 Lot # 16801173 10/05/2020 18:06:00; GR=[220.8-515.2]	334.00L	-	1	355.71	All Shift
Level 3 Lot # 16801173 12/05/2020 19:00:00; GR=[220.8-515.2]	333.00L	-	1	355.71	All Shift
Bilirubin: Total (TBIL) (mg/dL)					
					Jendrassik G
Control	Mean	SD	N	LTD Mean	Shift
Level 3 Lot # 16801173 03/05/2020 18:52:00; GR=[5.05-11.79]	8.01L	-	1	8.52	All Shift





Flag P - This value did not pass the Peer Outlier Check, which highlights values more than \pm -3 standard deviations from the peer's mean for the month.

This value was included in the calculation of the peer's mean and SD for this month.

Flag G - This value did not pass the Gross Outlier Check, which excludes extremely discrepant data that falls outside of present limits for each test. This data was not processed and was excluded from the IAMQC® Reports and the calculation of peer stats.

Monthly **Summary Report**

For each test, and control level, this report displays summary statistics for the last twelve individual months and Lot-to-Date period for the laboratory and its peer groups. This data is useful for long-term intra-laboratory and interlaboratory comparisons.

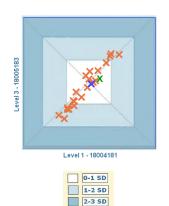
This report provides the customer with an indication of the 'usual' method accuracy and precision, allowing them to view any unexpected trending or increases in imprecision. The report also displays the customer's monthly SDI and CVI, indicating any shifts from the peer group.

The 'monthly summary' report facilitates the user investigating changes in performance over time.

TECHNOPATH CLINICAL BIADNESTICS Laboratory Name									M	onthl	ly Sui	Ja	ry Re anuary ultiche	2022
Address 1 Address 2										Affil	iation:	Labora	atory G	rou
Bilirubin: Direct	(DBIL) (mg/dl	L) - All Shif	t											
MCHEM NB-Lot#	8030717B	LTD	Dec 2021	Nov 2021	Oct 2021	Sep 2021	Aug 2021	Jul 2021	Jun 2021	May 2021	Apr 2021	Mar 2021	Feb 2021	Ja 20
Your Lab														
	Mean	4.85	4.85	4.87	4.82	4.83	4.82	4.78	4.88	4.90	4.93	4.87	4.93	4.3
	SD	0.111	0.091	0.092	0.095	0.112	0.099	0.107	0.110	0.096	0.118	0.113	0.078	0.1
	%CV	2.28	1.88	1.89	1.97	2.31	2.05	2.23	2.26	1.97	2.39	2.32	1.58	2.
	N	1265	64	75	91	100	98	75	78	90	68	90	84	
Test System Peer														
	Mean	4.89	4.87	4.86	4.84	4.85	4.85	4.85	4.90	4.95	4.96	4.91	4.94	4.
	Peers	10	8	10	10	10	10	10	10	10	10	10	10	
	SDI	-0.33	-0.25	0.06	-0.22	-0.14	-0.25	-0.57	-0.18	-0.41	-0.21	-0.31	-0.08	-0.
	CVI	0.86	0.89	0.65	0.77	0.84	0.79	0.90	0.88	0.69	0.99	0.94	0.64	0.
Bilirubin: Total ((TBIL) (mg/dL)) - All Shift												
		LTD	Dec	Nov	Oct	Sep	Aug	Jul	Jun	May	Apr	Mar	Feb	Ja
MCHEM NB-Lot #	8030717B		2021	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021	203
Your Lab														
	Mean	17.83	17.62	18.27	17.99	17.76	17.80	17.73	17.51	17.61	17.75	17.78	17.99	17.
	SD	0.319	0.245	0.279	0.298	0.381	0.182	0.250	0.320	0.297	0.231	0.187	0.212	0.3
	%CV	1.79	1.39	1.53	1.64	2.14	1.02	1.41	1.82	1.68	1.30	1.05	1.18	1.
	N	1988	94	119	132	121	155	120	126	144	111	132	127	- 1
Test System Peer														
	Mean	17.90	17.76	17.94	17.85	17.86	17.89	17.82	17.90	17.86	17.92	17.87	17.94	17.
	Peers	16	12	16	16	16	16	16	16	16	16	16	16	
	SDI	-0.21	-0.42	0.94	0.46	-0.35	-0.27	-0.28	-1.09	-0.86	-0.53	-0.34	0.11	-0.
	CVI	0.93	0.70	0.79	0.97	1.32	0.55	0.78	0.91	1.05	0.75	0.70	0.50	0.

Youden Plot Report





The Youden Report describes internal laboratory performance against the test system peer and method principle peer using the Youden Plot design. Laboratory data is tabularised at the top of the page by individual analyte. The lower half of the page provides a laboratory vs. peer comparison in the form of a Youden plot. The centre of each Youden plot represents the mean of the associated peer group.

It is appropriate to assume that each laboratory has its own systematic error. A user that has good precision could unknowingly have an error within their laboratory that is operating to displace their results from the values achieved by the rest of the peer group. The Youden Plot can be used to visualise both bias and imprecision, where it exists, and can be used to evaluate systematic and / or random error.



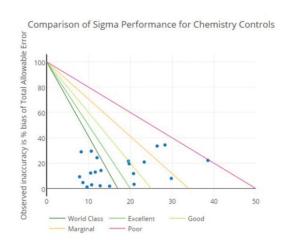


Six Sigma Metrics

IAMQC Peer offers end-users the opportunity to automatically calculate and review their sigma metric performance. The system will automatically calculate imprecision and bias and once the end-user has defined their acceptability

criteria (i.e Total Allowable Error), the software will automatically calculate a sigma score for every assay that is tested in the laboratory.

Six Sigma Method Decision Chart



Sigma Metrics: Sigma Summary TCD Level 1 TCD Level 2 TCD Level 3 Sigma Sigma Units Score Score Score C-Peptide ng/mL 6 6 6 Cortisol nmol/L 6 2 Ferritin ng/mL 6 4 High Sensitive Troponin I ng/L 4 Human Chorionic Gonadotropin IU/L Thyroid Stimulating Hormone mIU/L 6 6 6 (TSH) Triiodothyronine: Free (FT3) pmol/L 3 2

Sigma Summary Report

Sigma Detailed:

						Leve	11							Level	2							Level	3			
Analyte	Units	Instrument	Mean	SD	% CV	Peer Mean	% Bias	% TEa	Sigma Calc	Sigma Score	Mean	SD	% CV	Peer Mean	% Bias	% TEa	Sigma Calc	Sigma Score	Mean	SD	% CV	Peer Mean	% Bias	% TEa	Sigma Calc	Sigm
C-Peptide	ng/mL	Instrument A	342.00	11.11	3.25	330.22	3.57	25.00	6.60	6	1372.65	29.77	2.17	1356.77	1.17	25.00	10.99	6	2614.64	63.13	2.41	2606.88	0.30	25.00	10.23	
Cortisol	nmol/L	Instrument A	101.49	2.95	2.91	98.31	3.23	25.00	7.49	6	403.61	10.86	2.69	400.67	0.73	25.00	9.02	6	911.26	17.93	1.97	932.68	2.30	25.00	11.54	
Ferritin (i)	ng/mL	Instrument A	21.22	0.95	4.49	20.08	5.70	17.00	2.52	2	172.24	4.41	2.56	171.71	0.31	17.00	6.52	6	370.94	12.45	3.36	359.02	3.32	17.00	4.08	4
High Sensitive Troponin I	ng/L	Instrument A	21.54	0.84	3.91	20.65	4.33	20.00	4.01	4	57.91	2.41	4.16	56.58	2.35	20.00	4.25	4	3920.80	83.70	2.13	3702.30	5.90	20.00	6.60	(
Human Chorionic Gonadotropin (BhCG)	IU/L	Instrument A	4.09	0.47	11.57	4.38	6.64	30.00	2.02	2	23.09	1.62	7.00	24.63	6.26	30.00	3.39	3	454.60	17.45	3.84	457.57	0.65	30.00	7.65	•
Thyroid Stimulating Hormone (TSH)	mIU/L	Instrument A	0.04	0.00	2.85	0.04	5.75	23.70	6.29	6	5.99	0.12	1.96	5.60	6.87	23.70	8.59	6	20.13	0.50	2.49	19.56	2.89	23.70	8.35	
Triiodothyronine: Free (FT3)	pmol/L	Instrument A	4.24	0.14	3.28	4.20	0.88	11.00	3.09	3	7.88	0.18	2.30	7.91	0.37	11.00	4.62	4	15.57	0.48	3.11	16.18	3.78	11.00	2.32	2

Sigma Detailed Summary Report





Measurement of Uncertainty

Instrument Class Name	A nalyte ▽	Method	Reagent	Units of Measure	Source	Level	Points	M ean ▼	SD .	CV(%)	SEM	Calculated MoU	Expanded MoU	Inter-assay MoU
Supplier A	Activated Aspartate Aminotransferase	NONE	Supplier A	U/L	Peer group	1	15836	32.870632	1.138398	3.46%				2.23126008
Supplier A	Activated Aspartate Aminotransferase	NONE	Supplier A	U/L	All instruments	1	32	32.25	0.71842121	2.23%				1.40810557
Supplier A	Activated Aspartate Aminotransferase	NONE	Supplier A	U/L	INSTRUMENT 1	1	16	31.875	0.61913919	1.94%		1.36233133	2.72466267	1.21351281
Supplier A	Activated Aspartate Aminotransferase	NONE	Supplier A	U/L	INSTRUMENT 2	1	16	32.625	0.61913919	1.90%		1.36233134	2.72466268	1.21351281
Supplier A	Albumin	NONE	Supplier A	g/dL	Peer group	1	39	3.2717949	0.0455881	1.39%				0.08935268
Supplier A	Albumin	NONE	Supplier A	g/dL	All instruments	1	32	3.265625	0.04825587	1.48%				0.09458151
Supplier A	Albumin	NONE	Supplier A	g/dL	INSTRUMENT 1	1	16	3.2375	0.05	1.54%		0.11001818	0.22003636	0.098
Supplier A	Albumin	NONE	Supplier A	g/dL	INSTRUMENT 2	1	16	3.29375	0.025	0.76%		0.05500909	0.11001818	0.049
Supplier A	Alkaline Phosphatase	NONE	Supplier A	U/L	Peer group	1	16105	46.01112	2.622339	5.70%				5.13978444
Supplier A	Alkaline Phosphatase	NONE	Supplier A	U/L	All instruments	1	32	45.34375	1.55769422	3.44%				3.05308067
Supplier A	Alkaline Phosphatase	NONE	Supplier A	U/L	INSTRUMENT 1	1	16	45.3125	2.08865986	4.61%		4.59581114	9.19162228	4.09377332
Supplier A	Alkaline Phosphatase	NONE	Supplier A	U/L	INSTRUMENT 2	1	16	45.375	0.80622577	1.78%		1.77398986	3.54797971	1.58020252

Measurement of Uncertainty has become an important consideration in many laboratories and is referred to by many of the accreditation bodies as a requirement during audits. There are a number of factors which must be considered when calculating uncertainty, including the chosen method, Bias, analytical errors and so on. If uncertainty is quantified it is no longer uncertainty but the confidence interval within which the results fall. Uncertainty should be assessed regularly and attempts made to improve the value. The Measurement of Uncertainty report is generated in MS Excel format from the online IAMQC® Peer account.

Bias **Report**

The Bias Report is a test-by-test listing of statistics for the laboratory and its peer groups for up to 3 levels of control material. It documents each instruments performance compared to the world peer group and any selected affiliate group, in a Microsoft Excel file. It displays each instrument's Mean, SD, %CV and N of tests for the selected month, along with the SDi, CVi and %Bias comparison with the world peer and affiliate groups. SDi results greater than 2 and CVi results greater than 1 are highlighted on the report to aid in troubleshooting assay performance.

Analyte	Method	Reagent	Level	Units	Instrument Class Name	Source	#Inst	N	Mean	SD	%CV	Bias World, %	Absolute Bias World, %	SDI	CVI	Bias World LTD, %	Absolute Bias LTD, %
CK-MB	CLIA	Supplier A	1	ng/mL	Instrument Model A	World Peer LTD	6	4690	3.078942	0.298058	9.6805						
CK-MB	CLIA	Supplier A	1	ng/mL	Instrument Model A	World Peer	6	285	3.088741	0.353153	11.4336						
CK-MB	CLIA	Supplier A	1	ng/mL	Instrument Model A	Instrument A	1	64	3.215668	0.213218	6.6306	4.1093	4.1093	0.359411	0.579922	4.4407	4.4407
CK-MB	CLIA	Supplier A	1	ng/mL	Instrument Model A	Instrument B	1	47	3.33834	0.217239	6.5074	8.0809	8.0809	0.706773	0.569147	8.4249	8.4249
CK-MB	CLIA	Supplier A	2	ng/mL	Instrument Model A	World Peer LTD	6	5858	8.737137	0.60401	6.9131						
CK-MB	CLIA	Supplier A	2	ng/mL	Instrument Model A	World Peer	6	324	8.587012	0.727331	8.4701						
CK-MB	CLIA	Supplier A	2	ng/mL	Instrument Model A	Instrument A	1	63	8.831784	0.422677	4.7859	2.8505	2.8505	0.336535	0.565035	1.0833	1.0833
CK-MB	CLIA	Supplier A	2	ng/mL	Instrument Model A	Instrument B	1	47	9.085163	0.452995	4.9861	5.8012	5.8012	0.684903	0.588671	3.9833	3.9833
CK-MB	CLIA	Supplier A	3	ng/mL	Instrument Model A	World Peer LTD	6	5539	40.352058	2.602779	6.4502						
CK-MB	CLIA	Supplier A	3	ng/mL	Instrument Model A	World Peer	6	337	39.246922	2.473257	6.3018						
CK-MB	CLIA	Supplier A	3	ng/mL	Instrument Model A	Instrument A	1	56	39.605389	1.14549	2.8923	0.9134	0.9134	0.144937	0.458964	-1.8504	1.8504
CK-MB	CLIA	Supplier A	3	ng/mL	Instrument Model A	Instrument B	1	41	39.126882	1.365286	3.4894	-0.3059	0.3059	-0.048535	0.553715	-3.0362	3.0362
Human Chorlonic Gona	CLIA	Supplier A	1	mIU/mL	Instrument Model A	World Peer LTD	6	4770	3.982677	0.557847	14.0068						
Human Chorlonic Gona	CLIA	Supplier A	1	mIU/mL	Instrument Model A	World Peer	6	290	3.865814	0.471538	12.1976						
Human Chorlonic Gona	CLIA	Supplier A	1	mIU/mL	Instrument Model A	Instrument A	1	65	3.990796	0.185177	4.6401	3.233	3.233	0.265052	0.380411	0.2039	0.2039
Human Chorlonic Gona	CLIA	Supplier A	1	mIU/mL	Instrument Model A	Instrument B	1	47	4.08301	0.192619	4.7176	5.6184	5.6184	0.460612	0.386765	2.5192	2.5192
Human Chorlonic Gona	CLIA	Supplier A	2	mIU/mL	Instrument Model A	World Peer LTD	6	5852	33.285198	1.445802	4.3437						
Human Chorlonic Gona	CLIA	Supplier A	2	mIU/mL	Instrument Model A	World Peer	6	320	33.551464	1.332085	3.9703						
Human Chorlonic Gona	CLIA	Supplier A	2	mIU/mL	Instrument Model A	Instrument A	1	63	33.730195	0.741968	2.1997	0.5327	0.5327	0.134174	0.554039	1.3369	1.3369
Human Chorlonic Gona	CLIA	Supplier A	2	mIU/mL	Instrument Model A	Instrument B	1	47	32.895797	1.081255	3.2869	-1.9542	1.9542	-0.492211	0.827872	-1.1699	1.1699
Human Chorlonic Gona	CLIA	Supplier A	3	mIU/mL	Instrument Model A	World Peer LTD	6	5619	615.250183	23/699465	3.852						
Human Chorlonic Gona	CLIA	Supplier A	3	mIU/mL	Instrument Model A	World Peer	6	336	614.136047	24.10911	3.9257						
Human Chorlonic Gona	CLIA	Supplier A	3	mIU/mL	Instrument Model A	Instrument A	1	57	633.894782	19.81675	3.1262	3.2173	3.2173	0.819555	0.796342	3.0304	3.0304
Human Chorlonic Gona	CLIA	Supplier A	3	mIU/mL	Instrument Model A	Instrument B	1	41	619.207356	19.262815	3.1109	0.8258	0.8258	0.210348	0.792445	0.6432	0.6432
NT Pro-BNP	CLIA	Supplier A	1	pg/mL	Instrument Model A	World Peer LTD	6	4838	22.455153	1.754119	7.8117						
NT Pro-BNP	CLIA	Supplier A	1	pg/mL	Instrument Model A	World Peer	6	300	20.576593	1.192686	5.7963						
NT Pro-BNP	CLIA	Supplier A	1	pg/mL	Instrument Model A	Instrument A	1	66	20.693636	1.266695	6.1212	0.5688	0.5688	0.098134	1.056053	-7.8446	7.8446
NT Pro-BNP	CLIA	Supplier A	1	pg/mL	Instrument Model A	Instrument B	1	48	20.497076	1.367398	6.6712	-0.3864	0.3864	-0.066671	1.150941	-8.7199	8.7199
NT Pro-BNP	CLIA	Supplier A	2	pg/mL	Instrument Model A	World Peer LTD	6	6097	196.823831	9.939983	5.0502						
NT Pro-BNP	CLIA	Supplier A	2	pg/mL	Instrument Model A	World Peer	6	349	189.7665	8.26889	4.3574						
NT Pro-BNP	CLIA	Supplier A	2	pg/mL	Instrument Model A	Instrument A	1	64	192.26078	8.392119	4.365	1.3144	1.3144	0.301646	1.001744	-2.3183	2.3183
NT Pro-BNP	CLIA	Supplier A	2	pg/mL	Instrument Model A	Instrument B	1	48	190.0625	8.859195	4.6612	0.156	0.156	0.035797	1.06972	-3.4352	3.4352
NT Pro-BNP	CLIA	Supplier A	3	pg/mL	Instrument Model A	World Peer LTD	6	5664	2904.43679	167.237814	5.758						

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