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Critical Errors in the 2016 Qualitative EQA schemes

All critical errors for the 2016 schemes were agreed at the SAB meetings held on 30th November 2016, Leiden and 16th & 17th February 2017 in Lyon, France.

EQA scheme			Diagnosis	Error	Number of CE	No of participants ²	% CE
Scheme Name ¹	Sample Number	Scheme Year					
ACDB Heidelberg	-	2016	-	-	0	53	0.0%
ACDB London	-	2016	-	-	0	55	0.0%
CDG	-	2016	-	-	0	58	0.0%
DPT CH	A [common sample]	2016	Primary Hyperoxlauria Type 2	Failure to identify both increased oxalate and glycerate	1	21	4.8%
DPT CZ	C	2016	Glutaric Aciduria type I	Failure to identify abnormal excretion of 3-hydroxyglutarate	2	19	10.5%
DPT FR	F	2016	Argininosuccinic aciduria (argininosuccinate lyase deficiency, ASL gene, OMIM *608310)	Missing the identification of argininosuccinic acid	2	24	8.3%
DPT NL	E	2016	MCADD (OMIM 201450)	Failure to report MCADD metabolites and MCAD diagnosis	1	20	5.0%
DPT UK	A [common sample]	2016	Primary Hyperoxlauria Type 2	Failure to identify both increased oxalate and glycerate	1	22	4.5%
QLOU Heidelberg	H234	2016	OTC deficiency	Failure to identify orotic acid, gave normal diagnosis with no advice	2	103	1.9%
QLOU Sheffield	S237	2016	Hyperoxaluria	Failure to identify both increased oxalate and glycerate	9	104	8.7%
	S238	2016	LPI	Failure to identify orotic acid	17	104	16.3%
UMPS	2016.05	2016	MPS II patient, aged 5.	Reporting 'normal' as the most likely diagnosis	1	89	1.1%
Totals					36	568	6.3%

Notes

1. ACDB Heidelberg = Acylcarnitines in DBS Heidelberg; ACDB London = Acylcarnitines in DBS London; DPT CH = Diagnostic Proficiency Testing Switzerland; DPT CZ = DPT Czech Republic; DPT FR = DPT France; DPT NL = DPT Netherlands; DPT UK = DPT United Kingdom; QLOU Heidelberg = Qualitative Organic Acids Heidelberg; QLOU Sheffield = Qualitative Organic Acids Sheffield; UMPS = Urine Mucopolysaccharides
2. Number of participants = number of registered labs minus any Educational participants, non- or partial submitters and any labs that withdrew from the scheme