

Email: ukneqas@immqas.org.uk

Web Address: http://www.immqas.org.uk

UK NEQAS for Alpha 1 Antitrypsin & Phenotype Identification

Distribution : 172

May 2017

Participant : 91339

45 out of 52 participants returned data for this distribution. 87% response rate.

Nil Responses

INFO2, 10711, 91919, 92354, ORG, INFO, ORG_G

172-1 is a sample from a 54 year old male cigarette smoker with emphysema.

172-2 is a sample from a 35 year old female with asthma.

Sample	Designated Response	Your Response	Score	OMIS
172-1	SZ	SZ	0	0
172-2	MS	MM	1	1
			Total MIS	1

The current window of analysis comprises the previous four distributions

Comments

Sample 172-1:


39 laboratories were in agreement for sample 172-1 and reported a phenotype of SZ. 1 laboratory reported phenotype ZZ and a further 1 laboratory reported PI MZ. These participants should recheck their gels. 4 laboratories reported an AAT quantitative level but did not report a phenotype and 6 laboratories only reported a phenotype.

Sample 172-2:

32 participants reported a phenotype of MS for sample 172-2. 1 laboratory reported PI MZ and 8 participants reported PI M or MM. Laboratories which are out of consensus should recheck their gels. 4 laboratories reported an AAT quantitative level but did not report a phenotype and 6 laboratories only reported a phenotype.

Director Dr W Egnor, Deputy Director Mrs D Patel, Operations Manager Mr D Gill / Dr H Wilkinson

Telephone 0114 271 5715, Fax 0114 226 6754

Sheffield Teaching Hospitals 

NHS Foundation Trust