

Issued by JPAC: 20 January 2014

Implementation: To be determined by each Service

Change Notification UK National Blood Services No. 01 - 2015

Identification of Haemoglobin S negative units in EDI information

Applies to the Guidelines for the Blood Transfusion Services in the United Kingdom – 8th Edition 2013

Chapter 25 Standards for electronic data interchange within the UK Blood Transfusion Services

Requirement Summary

Hospitals have requested that HbS (Haemoglobin S; Sickle) negative units can be identified through the EDI information in the blood component dispatch information file.

Change

The following updates to 25.6: Protocol 000001 – blood component dispatch information, Table 25.4 message protocol are indicated below. (Opportunity to check other updates to field 10 have been made).

Table 25.4 Message protocol 000001: blood component dispatch information: dispatch line

Field	Length	Description	Format	Mandatory?	Notes
1	5	Line number	NNNNN	Y	
2	1	Line type	N	Y	=‘2’
3	15	Unit identifier	C(15)	Y	ISBT 128 donation identification number (data characters with check character, e.g. ‘G151797123456L’)
4	9	Product code	C(9)	Y	Component code (either a full 9-character Codabar code (including start and stop characters), or an 8-character ISBT 128 product code excluding the data identifier characters)
5	2	Group ABO	C(2)	Y	‘A’, ‘B’, ‘O’ or ‘AB’
6	1	Group RhD	C(1)	Y	‘+’ or ‘-’
7	8	Date bled	YYYYMMDD	N	

\Continued

8	8	Date of expiry	YYYYMMDD	Y	
9	4	Time of expiry	HHMM	N	
10	30	Red cell phenotypes characteristics	C(30)	N	Position indicates antigen content (see Table 25.5), '+' or '-' for confirmed (tested this time) results, 'P' or 'N' for unconfirmed (historical)-results
11	1	HLA flag	C(1)	N	'Y': indicates that HLA information is included either in the comment field or on separate documentation Space: no information
12	1	CMV	C(1)	N	'+' : positive '-' : negative Space: unknown
13	1	Irradiated	C(1)	N	'Y': yes 'N' or space: no 'P': info in product code
14	10	Platelet-specific phenotype	C(10)	N	Position indicates antigen, content (see Table 25.6) '+' : positive result '-' : negative result
15	1	IgA	C(1)	N	'Y': indicates that IgA information is included either in the comment field or on separate documentation Space: no information
16	1	High-titre haemolysin	C(1)	N	'Y': present 'N': not present Space: untested
17	1	Neonatal	C(1)	N	'Y': suitable for neonatal use 'N': unsuitable Space: untested 'P': info in product code
18	1	Filtered	C(1)	N	No longer used
19	3	Volume	NNN	N	mL
20	10	Pack lot no.	C(10)	N	
21	1	Methylene blue	C(1)	N	No longer used
22	1	Clinical use	C(1)	Y	'Y': suitable for clinical use 'N': unsuitable for clinical use
23	1	Issue type	C(1)	Y	'R': routine issue 'S': selected, unmatched 'X': crossmatched 'G': autologous
24	10	Cost code/price	C(10)	N	

\Continued

25	2	Added value code	C(2)	N	
26	30	Comment	Free text	N	
27	2	Checksum	NN	Y	
28	1	Terminator	Carriage return	Y	

Table 25.5 Message protocol 000001: blood component dispatch information. Field 10: red cell phenotype-characteristic field – antigen/characteristic codes

Character position in field	Antigen/characteristic	Character position in field	Antigen/characteristic
1	C	16	Jk ^a
2	c	17	Jk ^b
3	E	18	P ₁
4	e	19	A ₁
5	C ^w	20	Lu ^a
6	M	21	Lu ^b
7	N	22	Kp ^a
8	S	23	Kp ^b
9	s	24	UnassignedHbS
10	K	25	Unassigned
11	k	26	Unassigned
12	Le ^a	27	Unassigned
13	Le ^b	28	Unassigned
14	Fy ^a	29	Unassigned
15	Fy ^b	30	Unassigned

Sheila MacLennan

Dr Sheila MacLennan
Professional Director - Joint UKBTS Professional Advisory Committee
Direct Dial: (0113) 820 8638 ✉ sheila.maclennan@nhsbt.nhs.uk