

Guidelines for the Blood Transfusion Services

25.6: Protocol 000001 – blood component dispatch information

<http://www.transfusionguidelines.org/red-book/chapter-25-standards-for-electronic-data-interchange-within-the-uk-blood-transfusion-services/25-6-protocol-000001-blood-component-dispatch-information>

25.6: Protocol 000001 – blood component dispatch information

Update Notice: Chapter 25 - Tables 25.5 has been updated following the issue of Change Notification 29 - 2015

Two data line structures are defined within this protocol. The first is a single line containing administrative information (order no., dispatch no.), and the second is a multiple occurrence line with an entry for each item on the dispatch. To distinguish between the two line types, a line type indicator is included as the first field following the line number (see Tables 25.3 to 25.6).

Table 25.3 Message protocol 000001: blood component dispatch information: administration line

| Field | Length | Description | Format | Mandatory? | Notes |
|-------|--------|--------------|-----------------|------------|-------|
| 1 | 5 | Line number | NNNNN | Y | |
| 2 | 1 | Line type | N | Y | =‘1’ |
| 3 | 12 | Order no. | C(12) | Y | |
| 4 | 12 | Dispatch no. | C(12) | Y | |
| 5 | 8 | Date | YYYYMMDD | Y | |
| 6 | 4 | Time | HHMM | N | |
| 7 | 2 | Checksum | NN | Y | |
| 8 | 1 | Terminator | Carriage return | Y | |

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 | |
| 8 | 8 | Date of expiry | YYYYMMDD | Y | |
| 9 | 4 | Time of expiry | HHMM | N | |
| 10 | 30 | Red cell characteristics | C(30) | N | Position indicates antigen content (see Table 25.5), '+' or '-' for confirmed results, 'P' or 'N' for unconfirmed 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 | |
| 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: further characteristic codes

| Character position in field | Characteristic | Character position in field | 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 | HbS |
| 10 | K | 25 | HEV |
| 11 | k | 26 | Unassigned |
| 12 | Le ^a | 27 | Unassigned |
| 13 | Le ^b | 28 | Unassigned |
| 14 | Fy ^a | 29 | Unassigned |
| 15 | Fy ^b | 30 | Unassigned |