Gel Documentation Form and Worksheet

HLA-C\*17 (101.628-06/06u) Lot No: 1E9 Expiry Date: 2019-02-01

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sample ID:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

DNA Conc.(ng/ul):\_\_\_\_\_\_\_\_\_

Test Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Tested By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Review Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Reviewed By:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Interpretation:\_\_\_\_\_\_\_\_\_\_\_ Failed lanes*: \_\_\_\_\_\_\_\_\_\_\_\_ *Comments:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**Gel Picture**

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| --- |
| PHOTO DOCUMENT |



‘ICB’ Internal Control Band,

‘AmpS’ Amplicon size

**Notes:**

Product sizes are approximate. For detailed information, see the lot-specific Specificity Table and Interpretation Table.

This table is intended as a guide. For interpretation always use the Interpretation Table and/or Specificity Table.

HLA-specific PCR products shorter than 125 base pairs have a lower intensity and are less sharp than longer PCR products.

In order to have as little co-amplification as possible of non-HLA-C\*17 alleles by the primer pairs of the HLA-C\*17 subtyping kit, many of the specific PCR products are shorter than 100 base pairs.

Primer mix 16 contains a negative control, which will amplify more than 95% of HLA amplicons as well as the amplicons generated by the control primer pairs matching the human growth hormone gene. HLA-specific PCR product sizes range from 75 to 200 base pairs and the PCR product generated by the HGH positive control primer pair is 430 base pairs.



**1**HLA-C\*17 alleles in bold lettering are listed as confirmed alleles on the IMGT/HLA web page [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), release 3.24.0, April 2015.

**2**Alleles that have been deleted from or renamed in the official WHO HLA Nomenclature up to and including the last IMGT/HLA database release can be retrieved from web page <http://hla.alleles.org/alleles/deleted.html>.

**3**Primer mix 5: Specific PCR fragment of 155 bp in the C\*17:04 allele. Specific PCR fragment of 200 bp in the C\*17:15 allele.

Primer mix 7: Specific PCR fragment of 125 bp in the C\*17:06 allele. Specific PCR fragment of 200 bp in the C\*17:15 allele.

Primer mix 9: Specific PCR fragment of 135 bp in the C\*17:08 allele. Specific PCR fragment of 85 bp and 495 bp in the C\*17:27N allele.

Primer mix 10: Specific PCR fragment t of 90 bp in the C\*17:09 and in the B\*40:260 alleles. Specific PCR fragment of 90 bp and 495 bp in the C\*17:27N allele.

Primer mix 14: Specific PCR fragment of 80 bp in the C\*17:17 allele. Specific PCR fragment of 260 bp in the C\*17:13 allele.

The HLA-C\*17 subtyping kit cannot distinguish the silent mutations in the C\*17:01:01:01-17:01:11 alleles.

‘w’, might be weakly amplified.

‘?’, nucleotide sequence information not available for the primer matching sequence.