Gel Documentation Form and Worksheet

KIR HLA Ligand

(101.201-12/12u) Lot: 4E6 Expiry Date: 2019-04-01

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.

The primer pairs in primer mix 1 will not amplify the C\*01:46Asn80, C\*07:78:02 Asn80, C\*07:426 Asn80, C\*07:459 Asn80 ,C\*07:478 Asn80 and C\*16:94 Asn80 alleles.

The primer pairs in primer mix 2 will also amplify the C\*05:32Arg80, C\*06:160 Gln80, C\*15:60Gln80 and C\*15:71Ile80 alleles.

The primer pairs in primer mix 3 will not amplify the B\*44:05:03 Thr80, B\*44:152Thr80, B\*44:196 Thr80 alleles.

The primer pairs in primer mix 6 will not amplify the B\*27:49 Thr80, B\*27:142 Thr80, B\*37:10 Thr80 and B\*47:04 Thr80 alleles.

Primer mix 7 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-A, HLA-B and HLA-C alleles listed on the IMGT/HLA web page 2016-July-14, release 3.25.0, [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla).

**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>.