

## Lymphoid Panel

**IMPORTANT:** Centrifuge tube prior to opening to prevent loss of product

### PRODUCT INFORMATION

Catalog ID	HD840
Batch ID	
Product Description	<a href="#">Lymphoid Panel</a>
Date of Manufacture	
Manufacturing QMS Status	ISO 13485

### PROPERTIES

Quantity	500 ng
Concentration	25 ng/µl
Buffer	Tris-EDTA (10 mM Tris-HCl, 1 mM EDTA), pH 8.0
Storage Conditions	+4°C (2-8°C)
Use by	For the latest information on product shelf life, please visit our website: <a href="https://horizondiscovery.com/products/diagnostic-reference-standards/reference-standards-product-information">https://horizondiscovery.com/products/diagnostic-reference-standards/reference-standards-product-information</a>

### CUSTOMER SUPPORT

Technical Support	<a href="mailto:technical@horizondiscovery.com">technical@horizondiscovery.com</a>
Customer Service	<a href="mailto:orders@horizondiscovery.com">orders@horizondiscovery.com</a>

### ADDITIONAL INFORMATION

#### Horizon Discovery

8100 Cambridge Research Park,  
Waterbeach, Cambridge,  
CB25 9TL, United Kingdom  
[www.horizondiscovery.com/](http://www.horizondiscovery.com/)

t + 44 (0) 1223 976 000  
f + 44 (0) 1223 655 581  
e [orders@horizondiscovery.com](mailto:orders@horizondiscovery.com)

**QUALITY CONTROL**

 Allele Frequency (AF) / Copy Number and Genotype: **Droplet Digital™ PCR**

Gene	DNA sequence change	Amino acid change	Expected AF (%) / Copy Number	Actual AF (%) / Copy Number	Acceptance Criteria (%) / Copy Number	
					Low	High
BRAF	c.1799T>A	p. V600E	5.00		4.00	6.00
CXCR4	c.1012C>T	p. R3338*	5.00		4.00	6.00
DNMT3A	c. 2644C>T	p. R882C	5.00		4.00	6.00
EZH2	c.1937A>G	p. Y646C	5.00		4.00	6.00
MYD88	c.794T>C	p. L265P	6.00		4.80	7.20
STAT3	c.1981G>T	p. D661Y	5.00		4.00	6.00
IDH2	c.514A>G	p. R172G	5.00		4.00	6.00
TET2	c.769del	p. E227fs	5.00		4.00	6.00
NRAS	c.181C>A	p. Q61K	33.00		29.70	36.30
TP53	c.586C>T	p. R196*	50.00		45.00	55.00
CDKN2A	c.1-471del471	n/a	1.00		0.80	1.20
RB1	c.138_264del1 27	n/a	0.70		0.60	0.90
SOCS1	c.1-636del636	n/a	1.00		0.80	1.20

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Quality: <b>Agarose gel electrophoresis*</b>		
Acceptance Criteria	Band Present/Absent	Pass/Fail
Bright band of high molecular weight		
Quantification: <b>Spectrophotometry (A260)</b>		
Acceptance Criteria	Reading	Pass/Fail
24.0-26.0 ng/μl		

\*Quality Control Test occurs before gDNA is multiplexed

**FOR RESEARCH USE ONLY**

Manufactured in the UK

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