

To: UPHS Physicians and Staff
From: The Division of Precision and Computational Diagnostics (PCD)
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Date: October 30, 2018
Re: Lymphoma Panel: Center for Personalized Diagnostics (CPD)

The Center for Personalized Diagnostics (CPD) offers assays designed to detect genomic variants in oncology samples. The CPD is pleased to announce the launch of the **Lymphoma Panel**, detecting single nucleotide variants and small (≤ 25 base pair) insertions and deletions with diagnostic, prognostic and therapeutic utility in lymphomas. This assay can be ordered starting **Wednesday, October 31, 2018**.

This assay will detect critical hotspots in the following genes (underlined genes have full coding sequence coverage):

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|------------|----------------------|--------------|--------------|-----------------|
| <u>ATM</u> | <u>CIITA</u> | <u>JAK3</u> | <u>PLCG2</u> | <u>STAT5B</u> |
| B2M | <u>CREBBP</u> | KLF2 | POT1 | TCF3 |
| BIRC3 | <u>CXCR4 (CD184)</u> | MAP2K1 | RHOA | TET2 |
| BRAF | EGR2 | <u>MYD88</u> | RPS15 | TNFAIP3 |
| BTK | EZH2 | NFKBIE | RRAGC | <u>TNFRSF14</u> |
| CARD11 | <u>GNA13</u> | NOTCH1 | SF3B1 | <u>TP53</u> |
| CD79A | ID3 | NOTCH2 | <u>SOCS1</u> | TRAF3 |
| CD79B | IDH2 | PLCG1 | STAT3 | XPO1 |

This assay *will not detect* fusion transcripts or copy number alterations. For more details on assay design, please contact the CPD (see below).

Sample requirements: This assay can be used for diagnostic testing on formalin-fixed paraffin embedded (FFPE) tissues (minimum 10% tumor), tissue or fluid in PreservCyt, blood and bone marrow. This assay is agnostic regarding the tissue-type of the specimen.

ORDERING INFORMATION: Special Studies Heme (SPHEME). Choose from "Special Studies" drop down menu (Lymphoma Sequencing Panel). An additional orderable has been created to initiate testing of **both** the lymphoma sequencing panel and the hematological malignancy panel (Lymphoma Sequencing Panel with Hematologic Malignancy Panel).

For additional information and questions: Call the Center for Personalized Diagnostics (215-615-3966) weekdays during regular business hours or visit our website:

<http://pennmedicine.sitecoreauthoring.uphs.upenn.edu/departments-and-centers/center-for-personalized-diagnostics/gene-panels>