



Patient Name	Centre					
Age/Gender	OP	OP/IP No/UHID				
MaxID/Lab ID	Collection Date/Time					
Ref Doctor	Reporting Date/Time					
	Outsourced					
Test Name	Result	Unit	Bio Ref Interval			
PDF Attached						
Canassist - Breast (Zydus)*, Tissue						
Canassist - Breast						

Kindly correlate with clinical findings

*** End Of Report ***

me

Dr. Dilip Kumar M.D. Associate Director & Manager Quality

Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017 Booking Centre :2281 - Home Collection Tricity, Chandigarh, 7982100200 The authenticity of the report can be verified by scanning the Q R Code on top of the page

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Conditions of Reporting: 1. The tests are carried out in the lab with the presumption that the specimen belongs to the patient name as identified in the bill/test request form. 2. The test results relate specifically to the sample received in the lab and are presumed to have been generated and transported per specific instructions given by the physicians/laboratory. 3. The reported results are for the information and interpretation by the referring doctor only. 4. Some tests are referred to other laboratories to provide a wider test menu to the customer. 5. Max Healthcare shall in no event be liable for accidental damages loss, or destruction of specimen which is not attributable to any direct and mais fide act or omission of Max Healthcare or its employees. Liability of Max Healthcare for deficiency of services, or other errors and omissions shall be limited to fee paid by the patient for the relevant laboratory services.

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SAMPLE DESCRIPTION

Received 32 block/s bearing number B/3421/22 1 to 32 along with histopathology & IHC report. Clinico-pathologic parameters mentioned below have been extracted from patient's histopathology & IHC report.

Diagnosis	: Invasive Carcinoma NST Left Breast						
Tumor Size	: 3.0 x 2.	0 x 0.8 cms.	Pathological Stage	: T2N0M0	Grade : 2		
Receptor Sta	itus	ER : Positive	PR : Positive	HER2/neu : Negative			

Patient referred for prognostic assessment by CanAssist Breast Test to aid treatment planning.

TEST RESULT



5 YEAR PROBABILITY OF DISTANT RECURRENCE



TEST INFORMATION

CanAssist Breast test is a IHC based test comprising of a suite of 5 biomarkers and 3 clinico - pathologic parameters namely tumor size, node status and grade to derive the CanAssist Breast risk score using proprietary machine learning algorithm.⁴ The test stratifies patients into low / high-risk for recurrence within 5 years from diagnosis based on risk score with cut off of 15.5 out of 100. The test has been analytically ³ and clinically ² validated on 800 + samples in a retrospective study and provides prognostic information superior to traditional clinical risk assessment. As a group, low-risk patients have a 4.7% probability (95% CI: 3 – 6.4%) and high-risk patients have a 15.6% probability (95% CI: 10.5 – 20.7%) that their cancer will recur in a distant site within 5 years (not accounting for any covariates other than the patient's CanAssist Breast status).² CanAssist Breast test comparison with Oncotype Dx is published.¹

MINIMUM PERFORMANCE CRITERIA

CanAssist Breast can be performed in patients with Stage I / II, HR+ & HER2- Invasive Breast Carcinoma. The FFPE block must have at least 30% tumor content and any deviation is subject to pathologist review and acceptance.







HISTOPATHOLOGY & IHC FINDINGS



Representative IHC images from the CanAssist Breast test. All IHCs were assessed quantitatively to derive the CanAssist Breast risk score. The reported tumor cell percentage and pathology comments serves as a quality control for CanAssist Breast test and should not be viewed as a diagnosis of the malignancy.

PATHOLOGY / ADDITIONAL COMMENTS

Cold ischemia time is indeterminate. Batch and internal controls show appropriate reactivity.

Dave

Dr.Naveen Krishnamoorthy, MD Pathology Pathologist

Panel of Pathologists

Dr.B A Savitha DPB, DNB (Pathology), Laboratory Director Pathologist Dr.Payal Shrivastava MD(Path), FRCPath (Histopathology) Pathologist Dr.Naveen Krishnamoorthy MD Pathology Pathologist Dr.Deepti K.S MD Pathology Pathologist

1. Sengupta, A.K., et al. Cancer Medicine (2020). https://doi.org/10.1002/cam4.3495

2. Bakre, M.M., et al. Cancer medicine (2019) 1-10. doi: 10.1002/cam4.2049

3. Attuluri, A.K., et al. BMC Cancer (2019) 19:249. doi: 10.1186/s12885-019-5443-5

4. Ramkumar, C., et al. Biomarker insights (2018) 13, 1177271918789100. doi: 10.1177/1177271918789100

All IHC tests were performed on Automated IHC staining platform at OncoStem Diagnostics Laboratory, Bengaluru. This IVD is restricted to sale on the order of a physician. CanAssist Breast is a Laboratory - developed test. CanAssist Breast is an aid in estimating risk of recurrence in patients with Breast Cancer. Decisions regarding treatment should not be based solely on CanAssist Breast results, but rather on the independent medical judgment of the treating physician taking all the clincopathological variables in to account in accordance with accepted standard of care. More information can be found on www.oncostem.com, or email us on helpdesk@oncostemdiagnostics.com

Specific Testing information: Cold ischemia time, fixative and processing: Specimen should be placed in neutral buffered formalin within 1 hour of removal from the patient and fixed for minimum of 6 hours but not in excess of 72 hours. Inappropriate fixation and processing may give erroneous results. Repeat testing may be considered on different tissue or block if available.

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