

ABL DIAGNOSTICS

INTRODUCING THE DEEPCHEK® HPV MESSENGER RNA GENOTYPING KIT

ISIN code : FR001400AHX6 / ABLD

For research use only

TECHNOLOGY DEVELOPED BY INSTITUT PASTEUR



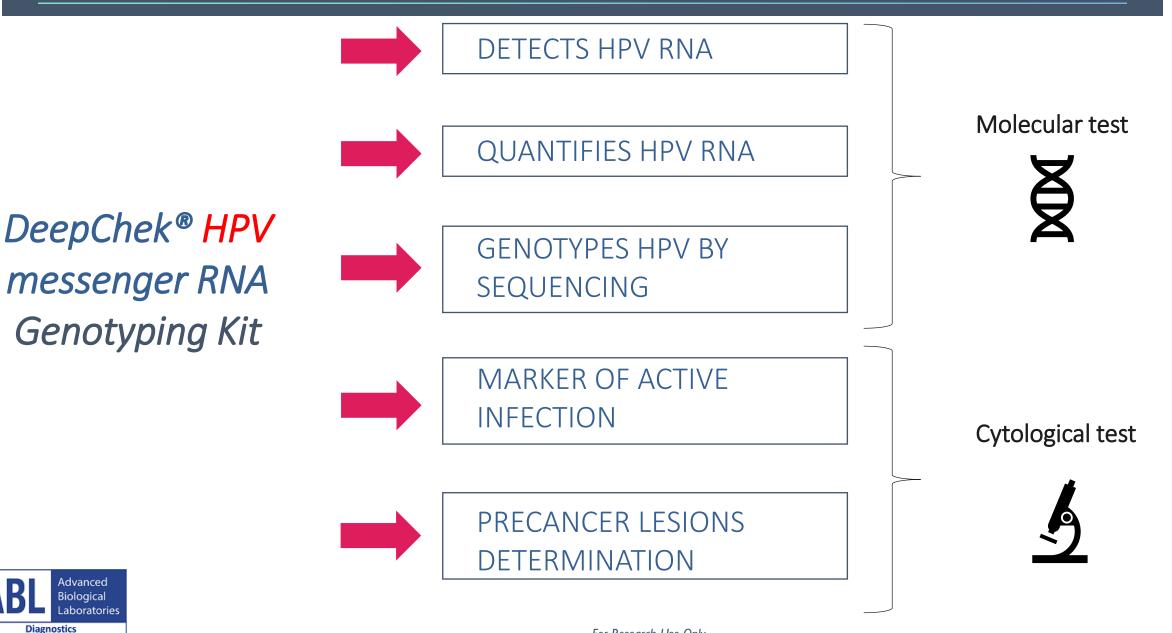


HPV RNA-SEQ: a novel and unique molecular screening test that allows detection of pre-cancerous lesions of the cervix from cervical samples

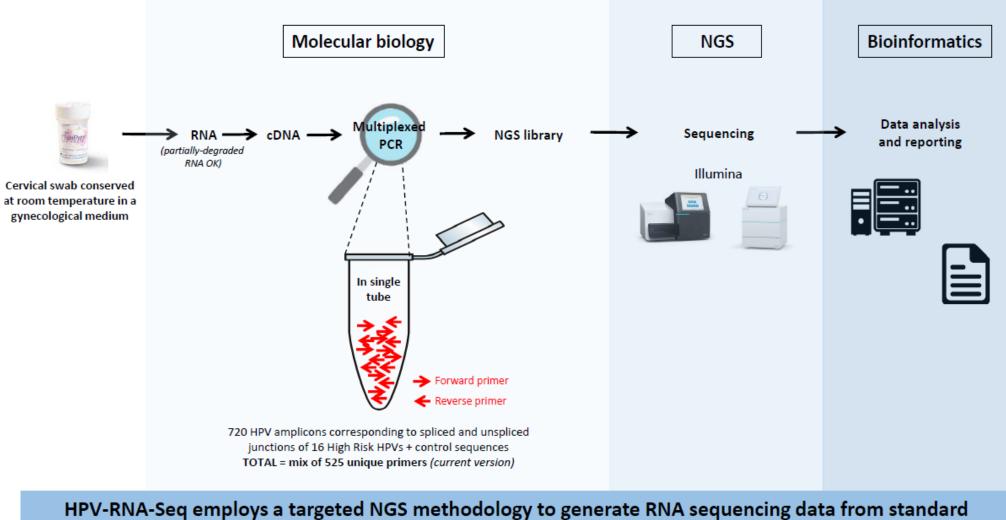


5 PRODUCTS IN ONE





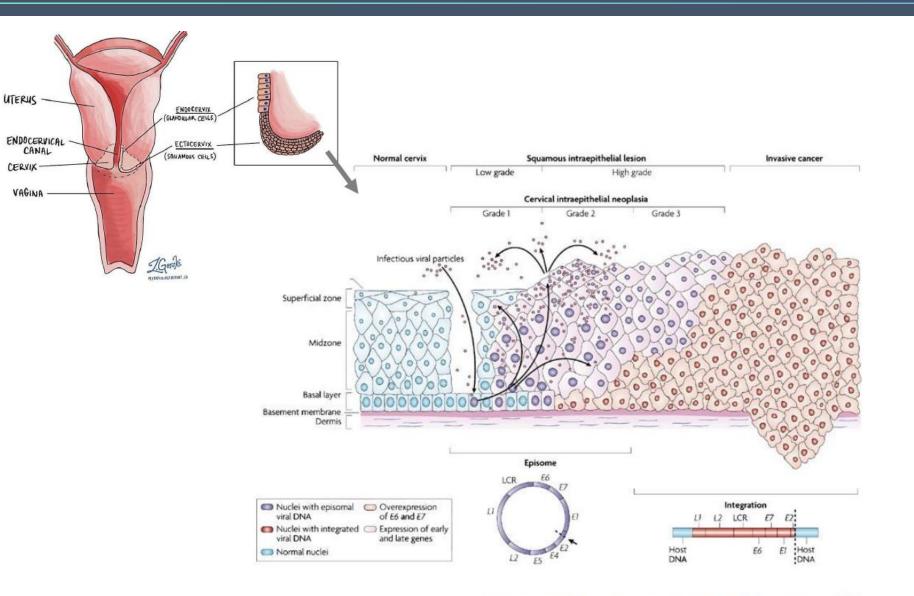
TEST IMPLEMENTATION





cervical swabs.

HPV Infection and Cervical Cancer Progression

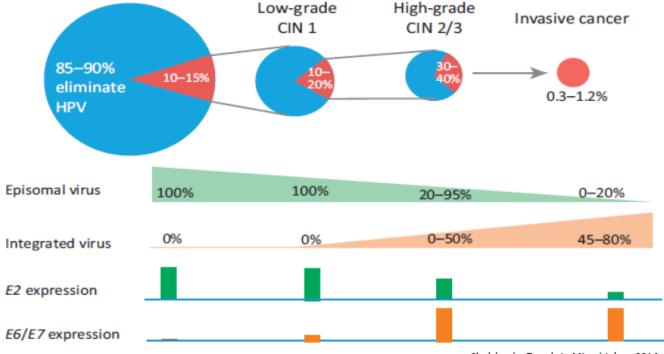




Woodman et al. Nature Reviews Cancer 7, 11–22 (January 2007) Nature Reviews Cancer

HPV Infection and Cervical Cancer Progression





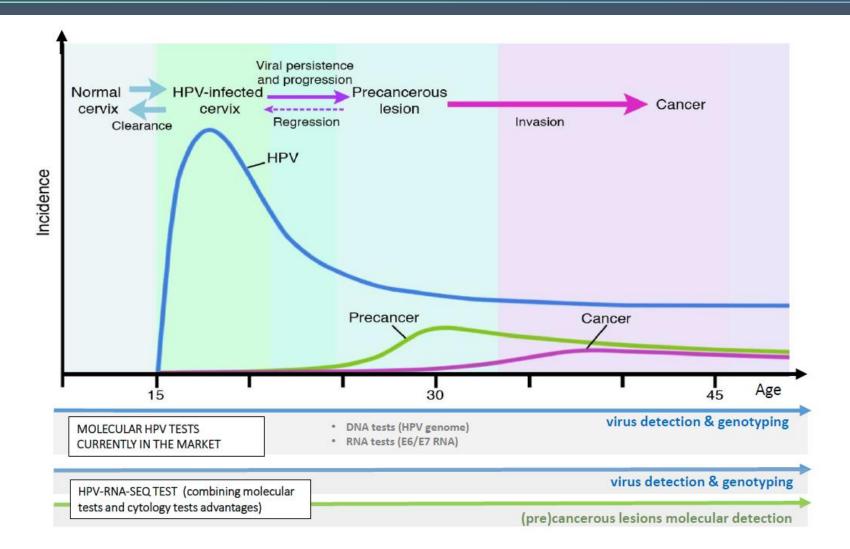
Shulzhenko Trends In Microbiology 2014

Gene expression balance could serve as a molecular marker for different stages of HPV infection, with E6 and E7 genes associated with the cancerous state.



HPV Infection and Cervical Cancer Progression



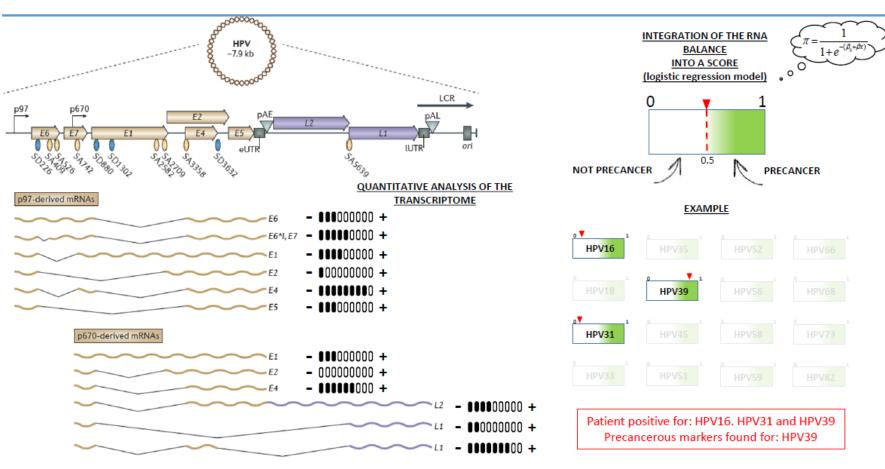




HPV-RNA-Seq combines the advantages of molecular HPV tests and cytological tests: HPV detection & genotyping + precancerous lesion molecular detection

HPV-RNA-Seq

From data to interpretation : an RNA balance into a score



Advanced Biological Laboratories HPV-RNA-Seq detects a specific set of HPV transcripts quantitatively and combines this data into a logistic regression score that predicts the presence of lesions in a sample.

HPV-RNA-Seq

Gynie: the HPV-RNA-Seq software

Results by patient

Сор	y CSV Excel	PDF	Print Show 1	l0 v entries	1			Search:	
	SampleName	Status	prediction 🕴	nb_HSK_genes 🗘	HPV_detected	HPV_covered	HPV_Not_HSIL 0	HPV_HSIL	max_score 🕴
1	Cytics- C6-01_S1_001	Multi- infected	HSIL	7	16,73,56	16		16	0.911968796519149
2	Cytics- C6-04_S4_001	Multi- infected	HSIL	13	16,18	16		16	0.699049010869685
3	Cytics- C6-06_S6_001	Mono- infected	HSIL	12	16	16		16	0.534739130322608
4	Cytics- C6-11_511_001	Mono- infected	HSIL	23	16	16		16	0.559753368417216
5	Cytics- C6-13_S13_001	Multi- infected	HSIL	15	68,16,73	73		73	0.55603752426824
6	Cytics- C6-21_S21_001	Multi- infected	HSIL	13	16,31	16		16	0.633262497226744
7	Cytics- C6-22_S22_001	Multi- infected	HSIL	10	16,73,31,59	16		16	0.723455266706626
8	Cytics- C6-24_S24_001	Multi- infected	HSIL	5	16,52,18	16		16	0.67009129470943
9	Cytics- C6-29_S29_001	Multi- infected	HSIL	16	16,73,18,59	73		73	0.563945414032286
10	Cytics- C6-30_\$30_001	Multi- infected	HSIL	14	16,18,31	16		16	0.825781293019552

HPV detection &

Lesion prediction





THANKYOU!

Any question? www.abldiagnostics.com contact@abldiagnostics.com



