



# Nordic immunohistochemical Quality Control

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## Scheme 2011, Assessment HER-2 IHC Gastric cancer pilot run G2

Aalborg, 20th September 2011

Dear participant

Please find enclosed pairs of unstained sections according to your submitted protocols for this run. If you are in any doubt, please read the details on the website: [www.nordiqc.org](http://www.nordiqc.org), or send us an e-mail: [nordiqc@rn.dk](mailto:nordiqc@rn.dk). Also inform us if slides are missing.

Please note your three digit participant number (NQC...) shown on the address label and slides. This number *must* be indicated on all new slide labels and used for any communication with NordiQC.

Stain the sections according to your protocol, and return one stained slide together with your own control slide(s) marked with your participant number. Together with the HER-2 stain please also send the **scoring sheet** - marked with your participant number - to NordiQC at the above address not later than **6th October**. Keep the remaining NordiQC slide in your file to serve as a control set.

Submitted sections (including in-house controls) are stored in the NordiQC file for future documentation and will not be returned to the laboratories. However, the laboratories can request their stained sections for review in case their control set is lost.

All stained slides submitted before deadline will be assessed, and the general results communicated on the website about **7th December**. Examples of optimal as well as insufficient stains will be illustrated (anonymously) and the corresponding methods described. The origin of recommended protocols giving optimal results will be published, unless anonymity is requested.

About **7th December** each laboratory receive an e-mail with their individual assessment scores and (when needed) comments to the stains and suggestions for protocol improvement.

Best regards,

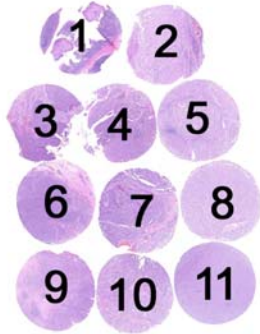
NordiQC

## Scoring sheet for run G2 - to be returned with the stained slide

(no electronic sheet for the gastric cancer pilot run)

Participant no.: \_\_\_\_\_

Content of the multitissue sections for HER-2 - Top row closest to the glass label.

Label		HER-2 score* 0, 1+, 2+, 3+	Comments
	1. Tonsil	-	
	2. Gastric adenocarcinoma		
	3. Gastric adenocarcinoma		
	4. Gastric adenocarcinoma		
	5. Gastric adenocarcinoma		
	6. Gastric adenocarcinoma		
	7. Gastric adenocarcinoma		
	8. Gastric adenocarcinoma		
	9. Gastric adenocarcinoma		
	10. Gastric adenocarcinoma		
	11. Gastric adenocarcinoma		

\*) Guidelines how to score/interpret the HER-2 result in resection specimens:

Score 0	No staining is observed or cell membrane staining is observed in less than 10% of the tumour cells.
Score 1+	A faint membrane staining can be detected in at least 10% of the tumour cells. The cells are only stained in part of their membrane. Magnification x40 needed to see unequivocal membrane staining.
Score 2+	A weak to moderate complete, basolateral or lateral membrane staining is observed in at least 10% of the tumour cells. Magnification x10-20 needed to see unequivocal membrane staining.
Score 3+	A strong complete, basolateral or lateral membrane staining is observed in at least 10% of the tumour cells. Magnification x2.5-5 needed to see unequivocal membrane staining.