



European Reference Organisation  
for Quality Assured Breast Screening  
and Diagnostic Services

## **EUREF *mammographic type test***

# **EUREF**

**certifies that the**

# ***Hologic Selenia*** ***with tungsten tube***

has proven to be able to produce mammograms with good image quality  
at a sufficient low dose in screening and diagnostic settings

The demands are described in the EUREF type test,  
based on chapter 2B of the European Guidelines for quality assurance in breast cancer screening and diagnosis  
the system tested passed both the physico-technical and clinical tests

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*Nijmegen. May 20, 2010*

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*The specifications of the system tested are summarised on the back side of this document*

## EUREF mammographic type test

# *Hologic Selenia*

## *with tungsten tube*

### Model tested

Test date factory	N.A.
Manufacturer	Hologic
Model	Selenia
Software version Number	AWS: mammodroc3_3_1_1 PXCM: 1.3.3.0 ARR: 1.6.3.0
Detector version numbers	DRC BRICK/ARRAY version: v1.0
Detector ID's	MM40012 (Nijmegen, Arnhem) MM60035 (London)
Device serial numbers	H1KRHR841f6a6a (Nijmegen) resp. H1KRHR84e2ca8e (London)
Imager pixel spacing	70 $\mu\text{m}$

### Tube characterization

Serial number	N.A.
Target material	Tungsten
Filters	57 $\mu\text{m}$ Rh 57 $\mu\text{m}$ Ag
Max. kV	39 kV

The physico-technical measurements were performed at

- the St. George Hospital in London, GB (device H1KRHR84e2ca8e)
- the LRCB in Nijmegen, NL (H1KRHR841f6a6a)

The clinical evaluation was done at

- the screening unit in Arnhem, NL (device H1KRHR841f6a6a)