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

Prof. Dr. R. Holland
Chairman EUREF

Nijmegen. May 20, 2010

Dr. M. Thijssen
Board EUREF

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 µm

Tube characterization

Serial number	N.A.
Target material	Tungsten
Filters	57 µm Rh 57 µm 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)