

RMANJ

Reproductive Medicine Associates of New Jersey - Englewood
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DNA Fragmentation

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Kim, Myung Han

PID: 381306

DOB: 04/25/1982

SSN: 2269

Age: 43.50

Source: Kim, Myung Han -

Source DOB: 04/25/1982

Source SSN:

Collect Date: 10/20/2025

Collect Time: 08:55 AM

Collect Meth: Masturbation

Analysis Date: 10/20/2025

Analysis Time: 09:29 AM

Location: Englewood

Spec For: DNA Fragmentation

Days of Abstinence: 4

Tech: MGS

Rpt Date: 10/20/2025

Ref Provider:

Released: 10/24/2025 01:28 PM

Semen Analysis Results

Measure	Patient Results	Normal Values (WHO 6th Edition)
Volume (ml)	4.6	>=1.4ml
Liquefaction	Incomplete	Complete
Viscosity	Slightly Viscous	Normal
Agglutination ²	N/A	None
Concentration(M/ml)	80.0	>= 16 (M/ml)
Motility(%) ³	N/A	>= 42% (grade 1+2+3+4)
Progressive Motility(%)	N/A	>= 30% (grade 2+3+4)
Grade of Progression(1-4)	N/A	
Total Motile Sperm (M)	0.0	
Morphology, Strict (% Normal)	N/A	>= 4% Normal Forms
White Blood Cell (WBC) ¹	N/A	< 2.0 M/ml
Antisperm Antibodies IgG ¹	N/A	Negative
Antisperm Antibodies IgA ¹	N/A	Negative

Comment: MODERATE DNA FRAGMENTATION (14% DNA Damage)

SCIT REFERENCE:

Normal: < 10% DNA Damage

Moderate: 10-20 % DNA Damage

Increased: > 20% DNA Damage

Neat specimen washed with Sperm Rinse (513019, 1-7-26)

TUNEL (In Situ Cell Detection Kit, Fluorescein: 11684795910), DAPI and/or PI nuclei counter-stain used

Visual Interpretation:

DNA FRAG w/ DAPI: (Number of light blue sperm / total number of sperm) x 100 = N.A.

DNA FRAG w/ PI: (Number of yellow sperm / total number of sperm) x 100 = 14%

Slide prep: MGS

Performed: JAT

Verified: EHM

¹ Characteristics of this test were determined by Reproductive Medicine Associates of New Jersey. It has not been cleared or approved by the U.S. Food and Drug Administration. For Research use only.

² If cell clumps or debris are observed during semen analysis, results may be inaccurate.

³ Decreased motility may be the result of non-viable or non-motile sperm.

Lab Director:

Thomas A Molinaro, MD

